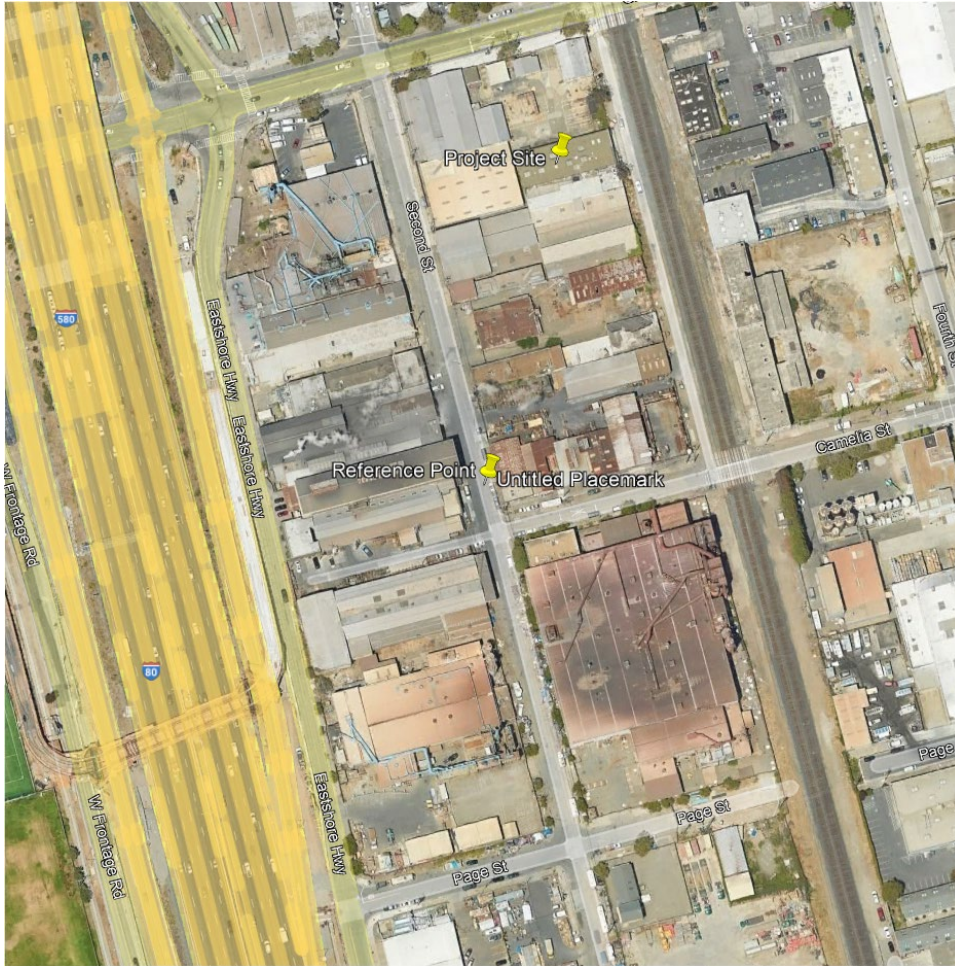

APPENDIX G

HEALTH RISK ASSESSMENT

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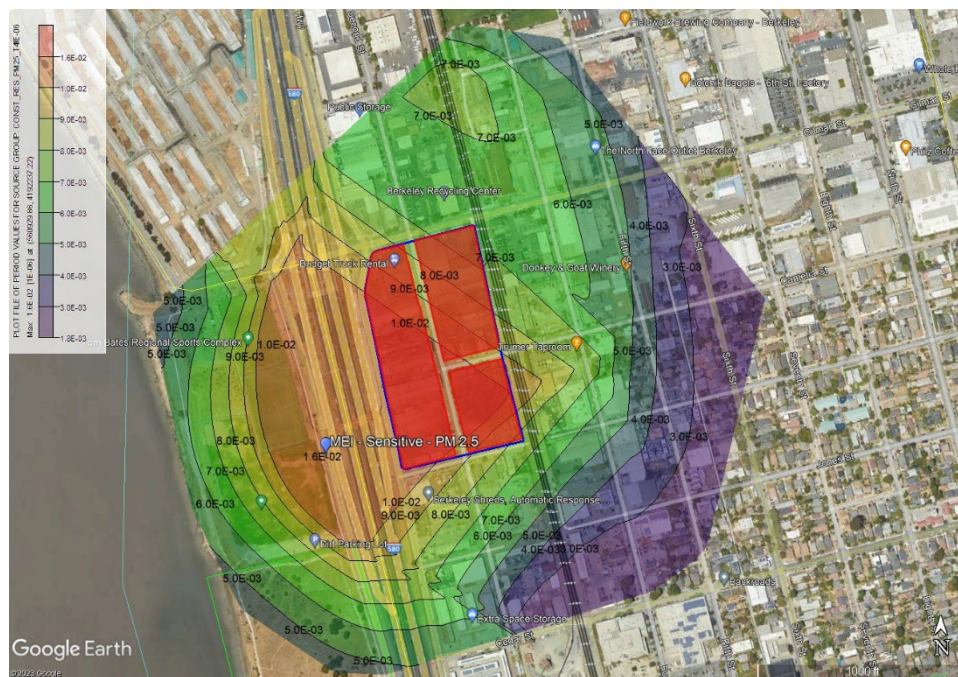
Project Location



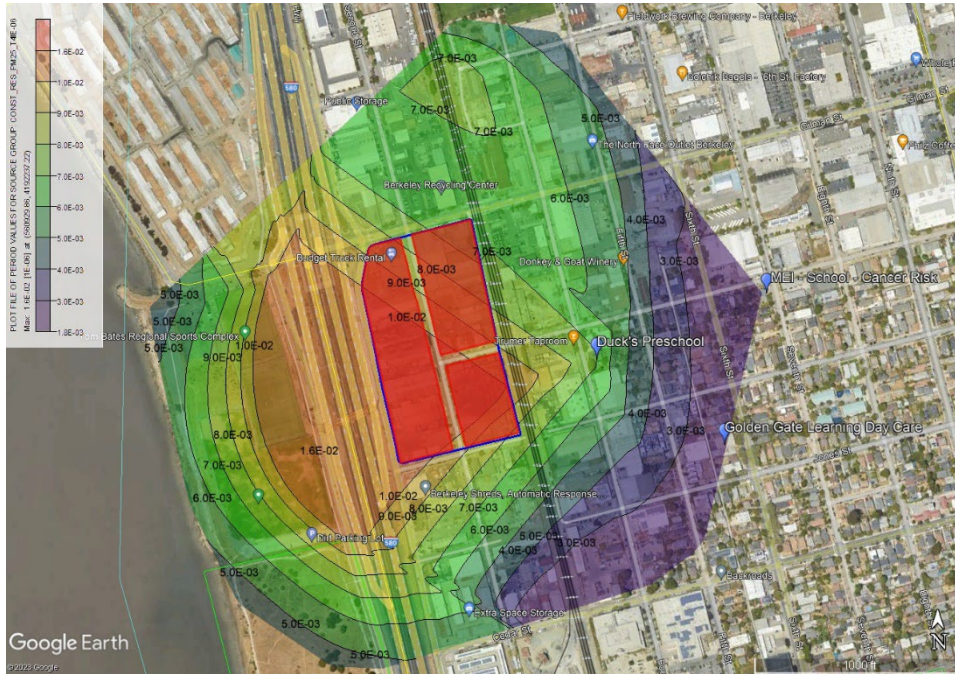
Residential Receptor - Chronic Hazard Index



Residential Receptor - Annual PM2.5



School Receptor - Cancer Risk



School Receptor - Chronic Hazard Index

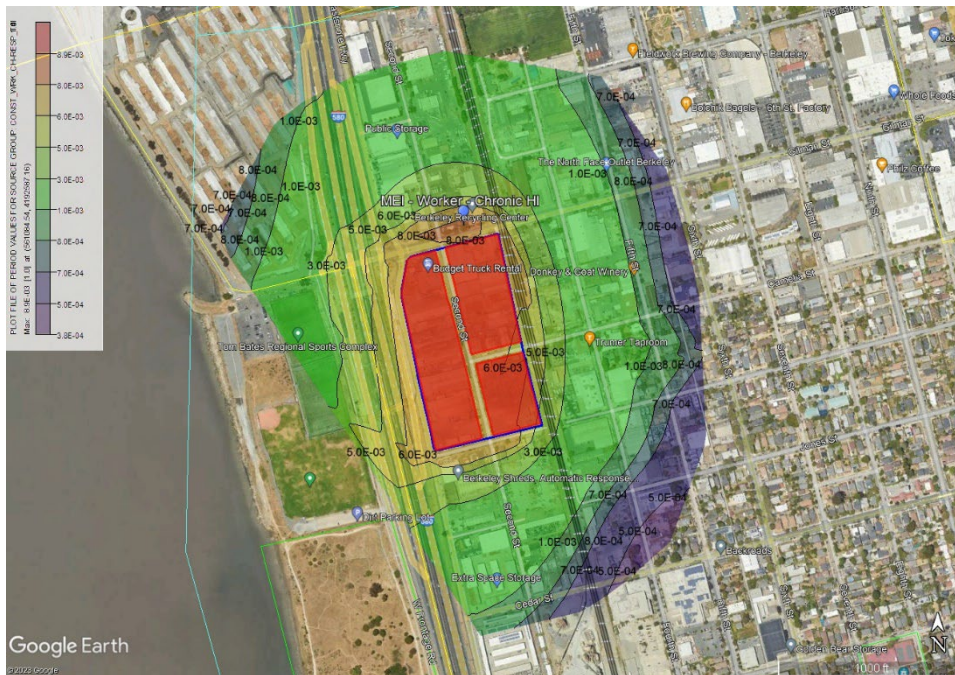


[illegible]

Google Earth

2022/02/04

Worker Receptor - Chronic Hazard Index

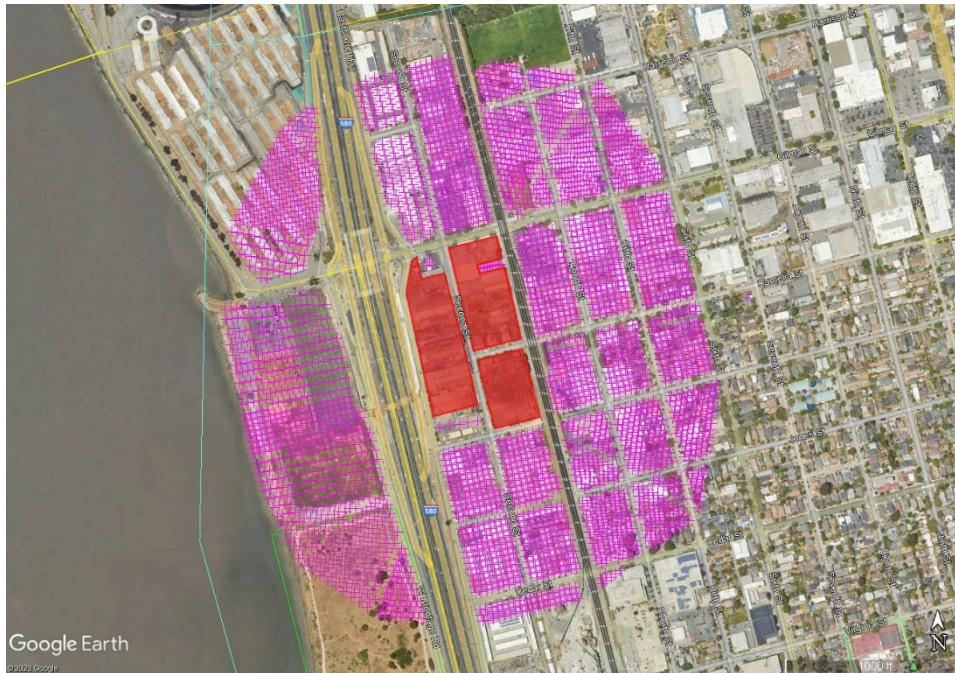


Worker Receptor - Annual PM2.5



Unmitigated Health Risks from Construction of the Potential Berkeley Forge Development

Residential Receptor Grid



Residential Receptor - Cancer Risk



Residential Receptor - Chronic Hazard Index



Residential Receptor - Annual PM2.5



[illegible]

PGM (g) contours for Mw 2.0 at San Onofre

PGM (g) values:

- 2.0E-02
- 1.0E-02
- 5.0E-03
- 2.0E-03
- 1.0E-03
- 5.0E-04
- 2.0E-04
- 1.0E-04
- 5.0E-05
- 2.0E-05
- 1.0E-05
- 5.0E-06
- 2.0E-06
- 1.0E-06
- 5.0E-07
- 2.0E-07
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MEI Worker Center Risk

Google Earth

Worker Receptor - Chronic Hazard Index

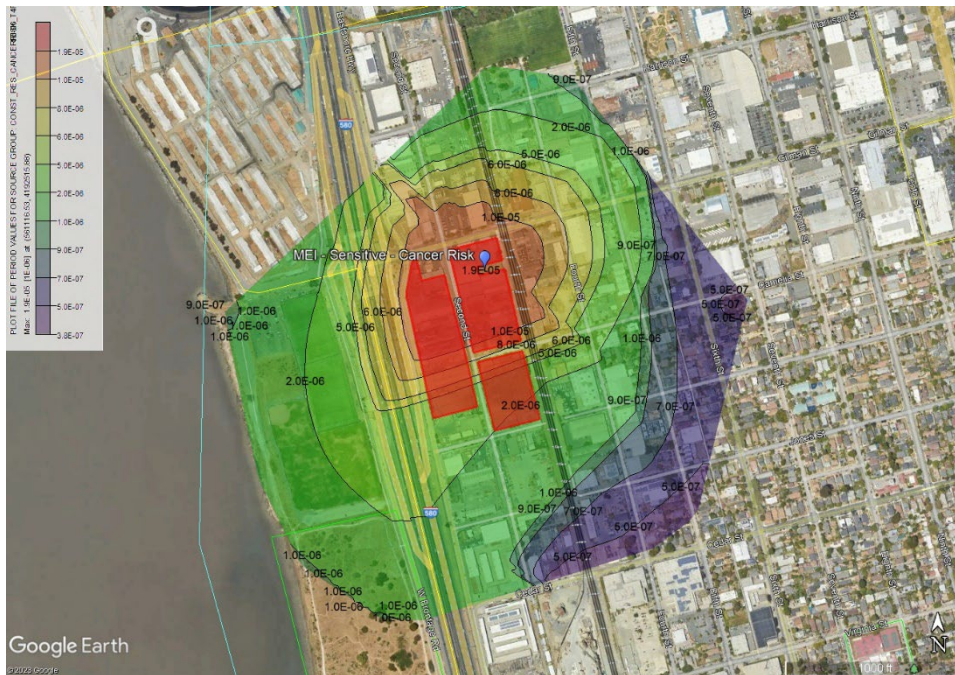


Worker Receptor - Annual PM2.5



Mitigated Health Risks from Construction of the Potential Berkeley Forge Development

Residential Receptor - Cancer Risk



Residential Receptor - Chronic Hazard Index



Residential Receptor - Annual PM2.5

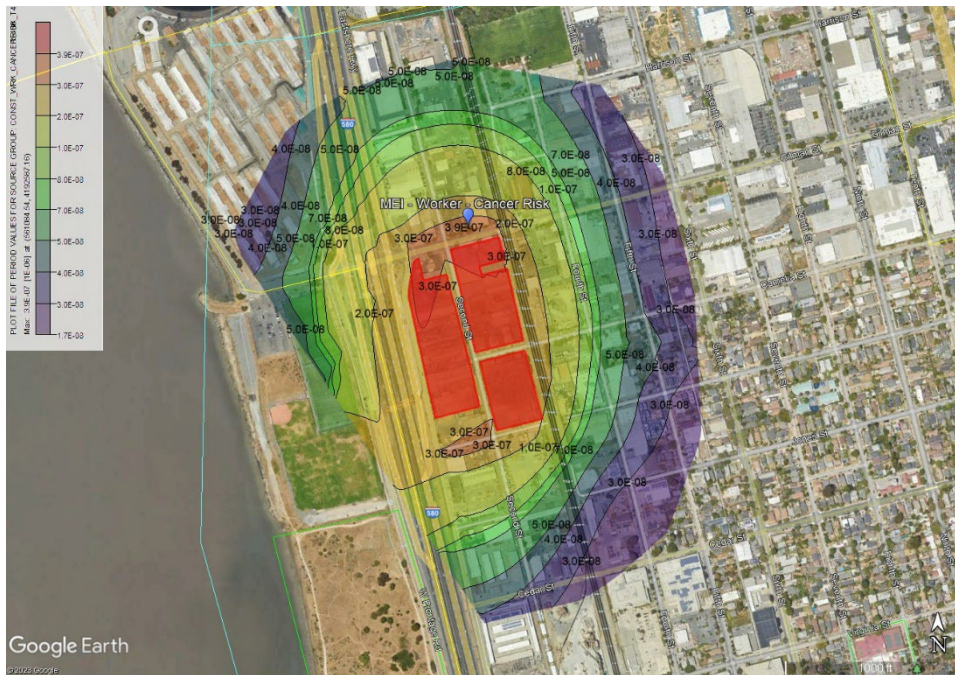


School Receptor - Cancer Risk



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Worker Receptor - Cancer Risk



Worker Receptor - Chronic Hazard Index



Profile plot of period values for source group CONST_VIBR_P205_186.00. The plot shows concentric contour lines with numerical values ranging from 1.4E-03 to 3.2E-02. A red rectangular area is highlighted in the center of the plot. The map includes street names like 1st St, 2nd St, and 3rd St, and a scale bar at the bottom left.

Construction MEI (Sensitive) - Cancer Risk (in a Million) HARP Rec #: 1133 X: 561116.53 Y: 4192515.88			
T4i	T4iRev	T4fRev	0
20.70	23.42	17.33	0.00
MEI (Sensitive) - Chronic Hazard Index HARP Rec #: 1133 X: 561116.53 Y: 4192515.88			
T4i	T4iRev	T4fRev	0
1.46E-02	1.46E-02	1.04E-02	0.00E+00
MEI (Sensitive) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T4i	T4iRev	T4fRev	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Sensitive) - PM 2.5 HARP Rec #: 1133 X: 561116.53 Y: 4192515.88			
T4i	T4iRev	T4fRev	0
0.073	0.073	0.052	0.000

Construction MEI (Worker) - Cancer Risk (in a Million) HARP Rec #: 153 X: 561084.54 Y: 4192587.16			
T4i	T4iRev	T4fRev	0
0.62	0.73	0.54	0.00
MEI (Worker) - Chronic Hazard Index HARP Rec #: 153 X: 561084.54 Y: 4192587.16			
T4i	T4iRev	T4fRev	0
8.87E-03	1.12E-02	8.70E-03	0.00E+00
MEI (Worker) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T4i	T4iRev	T4fRev	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Worker) - PM 2.5 HARP Rec #: 153 X: 561084.54 Y: 4192587.16			
T4i	T4iRev	T4fRev	0
0.044	0.044	0.032	0.000

Construction MEI (School) - Cancer Risk (in a Million) HARP Rec #: 1132 X: 561570.52 Y: 4192469.82			
T4i	T4iRev	T4fRev	0
0.68	0.77	0.57	0.00
MEI (School) - Chronic Hazard Index HARP Rec #: 1132 X: 561570.52 Y: 4192469.82			
T4i	T4iRev	T4fRev	0
3.90E-04	3.90E-04	2.79E-04	0.00E+00
MEI (School) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T4i	T4iRev	T4fRev	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (School) - PM 2.5 HARP Rec #: 1132 X: 561570.52 Y: 4192469.82			
T4i	T4iRev	T4fRev	0
0.0974	0.0974	0.0696	0.0000

Construction MEI (PreSchool) - Cancer Risk (in a Million) HARP Rec #: 132 X: 561325.61 Y: 4192377.76			
T4i	T4iRev	T4fRev	0
2.83	3.21	2.37	0.00
MEI (Preschool) - Chronic Hazard Index HARP Rec #: 132 X: 561325.61 Y: 4192377.76			
T4i	T4iRev	T4fRev	0
1.64E-03	1.25E-03	9.74E-04	0.00E+00
MEI (PreSchool) - Acute Hazard Index HARP Rec #: 132 X: 561325.61 Y: 4192377.76			
T4i	T4iRev	T4fRev	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (PreSchool) - PM 2.5 HARP Rec #: 132 X: 561325.61 Y: 4192377.76			
T4i	T4iRev	T4fRev	0
0.0082	0.0082	0.0059	0.0000

Construction MEI (Day Care) - Cancer Risk (in a Million) HARP Rec #: 383 X: 561499.75 Y: 4192253.3			
T4i	T4iRev	T4fRev	0
0.98	1.10	0.82	0.00
MEI (Day Care) - Chronic Hazard Index HARP Rec #: 383 X: 561499.75 Y: 4192253.3			
T4i	T4iRev	T4fRev	0
5.63E-04	4.30E-04	3.35E-04	0.00E+00
MEI (Day Care) - Acute Hazard Index HARP Rec #: 383 X: 561499.75 Y: 4192253.3			
T4i	T4iRev	T4fRev	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Day Care) - PM 2.5 HARP Rec #: 383 X: 561499.75 Y: 4192253.3			
T4i	T4iRev	T4fRev	0
0.0028	0.0028	0.0020	0.0000

	Zone	10	Process Coordinates			
	Datum	WGS 1984				
	KML File Name	CBE1906.09 Project MEI Scenario 2				
Description	Receptor Type	Model Type	UTM X	UTM Y	Latitude	Longitude
Construction	Sensitive	Cancer Risk	561116.53	4192515.88	37.87808377	-122.305044
Construction	Sensitive	Chronic HI	561116.53	4192515.88	37.87808377	-122.305044
Construction	Sensitive	Acute HI	0	0		
Construction	Sensitive	PM 2.5	561116.53	4192515.88	37.87808377	-122.305044
Construction	School	Cancer Risk	561570.52	4192469.82	37.87763807	-122.2998859
Construction	School	Chronic HI	561570.52	4192469.82	37.87763807	-122.2998859
Construction	School	Acute HI	0	0		
Construction	School	PM 2.5	561570.52	4192469.82	37.87763807	-122.2998859
Construction	Worker	Cancer Risk	561084.54	4192587.16	37.87872832	-122.3054017
Construction	Worker	Chronic HI	561084.54	4192587.16	37.87872832	-122.3054017
Construction	Worker	Acute HI	0	0		
Construction	Worker	PM 2.5	561084.54	4192587.16	37.87872832	-122.3054017

General AERMOD Input Parameters			
Project Boundary			
Based on site plan			
Project Elevation Data			
	Source	Lakes Environmental	
	Link	http://www.webgis.com/terraindata.html	
	Evel Data Descr.	7.5 min	
Project Receptor Grid			
	Telescoping Grid	Spacing (m)	Distance (m)
	Grid 1	10	310
	Grid 2		
	Grid 3		
	Grid 4		
	Comments	Receptors on roads or parking lot areas have been removed.	
Meteorological Dataset			
	Location	Chevron	
	Provided By	Bay Area AQMD	
	Years	2013-2017	
	Elevation (m)	1.5	
	Link		
Construction Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	Default	
	Pollutant Type	Other	
	Averaging Period	Period & Hourly	
	Dispersion Coefficient	Urban	
	County	Berkeley, Ca	
	Urban Grouping / Pop	Y	118,962
	# of Worker Receptors	2,410	
	# of Sensitive Receptors	1,132	
	# of School Receptors		
Construction Area Parameters			
	Source Type	Polygon Area	
	Project Area (m ²)	15233.3, 9341.6, 22779.9	
	Ht. of Source (m)	3.048	

General HARP Input Parameters		
Construction		
School Receptors		
School Scenario Parameters		
	Class Grade	Day Care - 12
	Starting Age	1
	Age Range	1 Year Old - 8 Years Old
	Receptor Type	Individual Resident
	Assessment Type	Cancer / Chronic / Acute
	Exposure Duration	1
	Intake Rate	RMP using the Derived Merthod
	Comments	Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.
School Pathway Parameters		
	Pathways	Manadatory minimum Pathways
	Deposition Rate	0.02
	TAH < 16 yrs	N
	TAH ≥ 16 yrs	N
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	3 rd Trimester
	Age Range	3 rd Trimester - 8 Year
	Receptor Type	Individual Resident
	Assessment Type	Cancer / Chronic / Acute
	Exposure Duration	1
	Intake Rate	RMP using the Derived Merthod
	Comments	Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.
Sensitive Pathway Parameters		
	Pathways	Manadatory minimum Pathways
	Deposition Rate	0.02
	TAH < 16 yrs	Y
	TAH ≥ 16 yrs	Y
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	16
	Age Range	16 - 23
	Receptor Type	Worker
	Assessment Type	Cancer / Chronic / Acute
	Exposure Duration	1
	Intake Rate	OEHHA Derived Merthod

	Comments	Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.
Worker Pathway Parameters		
	Pathways	OEHHA minimum Pathways
	Deposition Rate	0.02
	TAH < 16 yrs	N
	TAH ≥ 16 yrs	N

T4iRev										T4fRev									
										7.66E-07									
										5.66E-07									
UTM X	UTM Y	Yr 1E-07	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total		
1	561383.48	4192287.53	8.91E-07	6.28E-07	1.06E-07	1.07E-07	1.06E-07	7.88E-08	4.78E-08	1.96E-06	6.37E-07	4.89E-07	8.24E-08	8.27E-08	8.24E-08	5.50E-08	2.41E-08	1.45E-06	
2	561389.35	4192262.71	8.35E-07	5.88E-07	9.96E-08	9.99E-08	9.96E-08	7.38E-08	4.48E-08	1.84E-06	5.97E-07	4.58E-07	7.72E-08	7.74E-08	7.72E-08	5.15E-08	2.25E-08	1.36E-06	
3	561390.63	4192271.92	8.40E-07	5.92E-07	1.00E-07	1.00E-07	1.00E-07	7.43E-08	4.51E-08	1.85E-06	6.01E-07	4.61E-07	7.77E-08	7.79E-08	7.77E-08	5.18E-08	2.27E-08	1.37E-06	
4	561391.9	4192281.12	8.43E-07	5.94E-07	1.01E-07	1.01E-07	1.01E-07	7.46E-08	4.52E-08	1.86E-06	6.03E-07	4.63E-07	7.80E-08	7.82E-08	7.80E-08	5.20E-08	2.28E-08	1.38E-06	
5	561393.17	4192290.32	8.45E-07	5.96E-07	1.01E-07	1.01E-07	1.01E-07	7.48E-08	4.53E-08	1.86E-06	6.04E-07	4.64E-07	7.82E-08	7.84E-08	7.82E-08	5.21E-08	2.28E-08	1.38E-06	
6	561395.97	4192243.3	7.77E-07	5.47E-07	9.27E-08	9.29E-08	9.27E-08	6.87E-08	4.17E-08	1.71E-06	5.55E-07	4.27E-07	7.19E-08	7.21E-08	7.19E-08	4.79E-08	2.10E-08	1.27E-06	
7	561397.32	4192253.01	7.86E-07	5.54E-07	9.38E-08	9.41E-08	9.38E-08	6.96E-08	4.22E-08	1.73E-06	5.62E-07	4.32E-07	7.28E-08	7.30E-08	7.28E-08	4.85E-08	2.12E-08	1.28E-06	
8	561398.66	4192262.73	7.94E-07	5.59E-07	9.47E-08	9.50E-08	9.47E-08	7.02E-08	4.26E-08	1.75E-06	5.68E-07	4.36E-07	7.34E-08	7.36E-08	7.34E-08	4.90E-08	2.14E-08	1.29E-06	
9	561400.01	4192272.44	7.99E-07	5.63E-07	9.53E-08	9.55E-08	9.53E-08	7.07E-08	4.28E-08	1.76E-06	5.71E-07	4.39E-07	7.39E-08	7.41E-08	7.39E-08	4.93E-08	2.16E-08	1.30E-06	
10	561401.35	4192282.16	8.02E-07	5.65E-07	9.56E-08	9.59E-08	9.56E-08	7.09E-08	4.30E-08	1.77E-06	5.73E-07	4.40E-07	7.42E-08	7.44E-08	7.42E-08	4.94E-08	2.16E-08	1.31E-06	
11	561402.69	4192291.87	8.03E-07	5.66E-07	9.58E-08	9.61E-08	9.58E-08	7.10E-08	4.31E-08	1.77E-06	5.74E-07	4.41E-07	7.43E-08	7.45E-08	7.43E-08	4.95E-08	2.17E-08	1.31E-06	
12	561404.44	4192237.18	7.34E-07	5.17E-07	8.76E-08	8.78E-08	8.76E-08	6.50E-08	3.94E-08	1.62E-06	5.25E-07	4.03E-07	6.79E-08	6.81E-08	6.79E-08	4.53E-08	1.98E-08	1.20E-06	
13	561405.76	4192246.77	7.44E-07	5.25E-07	8.88E-08	8.90E-08	8.88E-08	6.58E-08	3.99E-08	1.64E-06	5.32E-07	4.09E-07	6.88E-08	6.90E-08	6.88E-08	4.59E-08	2.01E-08	1.21E-06	
14	561407.09	4192256.35	7.52E-07	5.30E-07	8.97E-08	9.00E-08	8.97E-08	6.65E-08	4.03E-08	1.66E-06	5.38E-07	4.13E-07	6.96E-08	6.98E-08	6.96E-08	4.64E-08	2.03E-08	1.23E-06	
15	561408.41	4192265.94	7.58E-07	5.34E-07	9.04E-08	9.06E-08	9.04E-08	6.70E-08	4.06E-08	1.67E-06	5.42E-07	4.16E-07	7.01E-08	7.03E-08	7.01E-08	4.67E-08	2.05E-08	1.24E-06	
16	561409.74	4192275.53	7.61E-07	5.37E-07	9.08E-08	9.11E-08	9.08E-08	6.74E-08	4.08E-08	1.68E-06	5.44E-07	4.18E-07	7.04E-08	7.06E-08	7.04E-08	4.70E-08	2.06E-08	1.24E-06	
17	561411.07	4192285.11	7.63E-07	5.38E-07	9.11E-08	9.13E-08	9.11E-08	6.76E-08	4.10E-08	1.68E-06	5.46E-07	4.19E-07	7.06E-08	7.08E-08	7.06E-08	4.71E-08	2.06E-08	1.25E-06	
18	561412.39	4192294.7	7.64E-07	5.39E-07	9.12E-08	9.14E-08	9.12E-08	6.76E-08	4.10E-08	1.69E-06	5.47E-07	4.20E-07	7.07E-08	7.09E-08	7.07E-08	4.71E-08	2.06E-08	1.25E-06	
19	561414.22	4192240.65	7.05E-07	4.97E-07	8.41E-08	8.44E-08	8.41E-08	6.24E-08	3.78E-08	1.55E-06	5.04E-07	3.87E-07	6.52E-08	6.54E-08	6.52E-08	4.35E-08	1.90E-08	1.15E-06	
20	561415.54	4192250.13	7.13E-07	5.03E-07	8.51E-08	8.54E-08	8.51E-08	6.31E-08	3.83E-08	1.57E-06	5.10E-07	3.92E-07	6.60E-08	6.62E-08	6.60E-08	4.40E-08	1.93E-08	1.16E-06	
21	561416.85	4192259.6	7.20E-07	5.07E-07	8.59E-08	8.61E-08	8.59E-08	6.37E-08	3.86E-08	1.59E-06	5.15E-07	3.95E-07	6.66E-08	6.68E-08	6.66E-08	4.44E-08	1.94E-08	1.17E-06	
22	561418.16	4192269.07	7.24E-07	5.10E-07	8.64E-08	8.66E-08	8.64E-08	6.41E-08	3.88E-08	1.60E-06	5.18E-07	3.98E-07	6.70E-08	6.72E-08	6.70E-08	4.47E-08	1.96E-08	1.18E-06	
23	561419.47	4192278.55	7.27E-07	5.12E-07	8.68E-08	8.70E-08	8.68E-08	6.43E-08	3.90E-08	1.60E-06	5.20E-07	3.99E-07	6.73E-08	6.75E-08	6.73E-08	4.49E-08	1.96E-08	1.19E-06	
24	561420.78	4192288.02	7.28E-07	5.14E-07	8.69E-08	8.72E-08	8.69E-08	6.45E-08	3.91E-08	1.61E-06	5.21E-07	4.00E-07	6.74E-08	6.76E-08	6.74E-08	4.49E-08	1.97E-08	1.19E-06	
25	561424	4192244.03	6.78E-07	4.78E-07	8.09E-08	8.11E-08	8.09E-08	6.00E-08	3.64E-08	1.50E-06	4.85E-07	3.72E-07	6.27E-08	6.29E-08	6.27E-08	4.18E-08	1.83E-08	1.11E-06	
26	561425.3	4192253.4	6.85E-07	4.83E-07	8.17E-08	8.19E-08	8.17E-08	6.06E-08	3.67E-08	1.51E-06	4.90E-07	3.76E-07	6.34E-08	6.35E-08	6.34E-08	4.22E-08	1.85E-08	1.12E-06	
27	561426.59	4192262.77	6.90E-07	4.86E-07	8.23E-08	8.25E-08	8.23E-08	6.10E-08	3.70E-08	1.52E-06	4.93E-07	3.79E-07	6.38E-08	6.40E-08	6.38E-08	4.26E-08	1.86E-08	1.13E-06	
28	561356.27	4192417.52	1.15E-06	8.12E-07	1.37E-07	1.38E-07	1.37E-07	1.02E-07	6.18E-08	2.54E-06	8.24E-07	6.33E-07	1.07E-07	1.07E-07	1.07E-07	7.10E-08	3.11E-08	1.88E-06	
29	561366.04	4192419.68	1.07E-06	7.55E-07	1.28E-07	1.28E-07	1.28E-07	9.48E-08	5.75E-08	2.36E-06	7.66E-07	5.88E-07	9.91E-08	9.94E-08	9.91E-08	6.61E-08	2.89E-08	1.75E-06	
30	561375.8	4192421.84	9.99E-07	7.04E-07	1.19E-07	1.19E-07	1.19E-07	8.84E-08	5.36E-08	2.20E-06	7.14E-07	5.48E-07	9.24E-08	9.27E-08	9.24E-08	6.16E-08	2.70E-08	1.63E-06	
31	561385.56	4192424.01	9.33E-07	6.58E-07	1.11E-07	1.12E-07	1.11E-07	8.26E-08	5.01E-08	2.06E-06	6.67E-07	5.13E-07	8.64E-08	8.66E-08	8.64E-08	5.76E-08	2.52E-08	1.52E-06	
32	561405.09	4192428.33	8.22E-07	5.79E-07	9.81E-08	9.84E-08	9.81E-08	7.27E-08	4.41E-08	1.81E-06	5.88E-07	4.51E-07	7.61E-08	7.63E-08	7.61E-08	5.07E-08	2.22E-08	1.34E-06	
33	561116.02	4192791.18	1.47E-06	1.04E-06	1.75E-07	1.76E-07	1.75E-07	1.30E-07	7.89E-08	3.24E-06	1.05E-06	8.08E-07	1.36E-07	1.36E-07	1.36E-07	9.07E-08	3.97E-08	2.40E-06	
34	561414.85	4192430.5	7.73E-07	5.45E-07	9.23E-08	9.25E-08	9.23E-08	6.84E-08	4.15E-08	1.71E-06	5.53E-07	4.25E-07	7.16E-08	7.18E-08	7.16E-08	4.77E-08	2.09E-08	1.26E-06	
35	561122.51	4192799.55	1.40E-06	9.87E-07	1.67E-07	1.67E-07	1.67E-07	1.24E-07	7.51E-08	3.09E-06	1.00E-06	7.69E-07	1.30E-07	1.30E-07	1.30E-07	8.63E-08	3.78E-08	2.28E-06	
36	561424.61	4192432.66	7.28E-07	5.13E-07	8.69E-08	8.71E-08	8.69E-08	6.44E-08	3.91E-08	1.61E-06	5.21E-07	4.00E-07	6.74E-08	6.76E-08	6.74E-08	4.49E-08	1.97E-08	1.19E-06	
37	561150.66	4192804.85	1.31E-06	9.23E-07	1.56E-07	1.57E-07	1.56E-07	1.16E-07	7.02E-08	2.89E-06	9.36E-07	7.19E-07	1.21E-07	1.21E-07	1.21E-07	8.08E-08	3.54E-08	2.14E-06	
38	561140.93	4192806.23	1.32E-06	9.32E-07	1.58E-07	1.58E-07	1.58E-07	1.17E-07	7.09E-08	2.92E-06	9.45E-07	7.26E-07	1.22E-07	1.23E-07	1.22E-07				

89	561156.78	4192841.13	1.11E-06	7.79E-07	1.32E-07	1.32E-07	1.32E-07	9.78E-08	5.93E-08	2.44E-06	7.91E-07	6.07E-07	1.02E-07	1.03E-07	1.02E-07	6.82E-08	2.99E-08	1.80E-06
90	561147.37	4192842.46	1.11E-06	7.86E-07	1.33E-07	1.33E-07	1.33E-07	9.86E-08	5.98E-08	2.46E-06	7.97E-07	6.12E-07	1.03E-07	1.03E-07	1.03E-07	6.88E-08	3.01E-08	1.82E-06
91	561137.97	4192843.79	1.12E-06	7.90E-07	1.34E-07	1.34E-07	1.34E-07	9.92E-08	6.01E-08	2.47E-06	8.02E-07	6.16E-07	1.04E-07	1.04E-07	1.04E-07	6.92E-08	3.03E-08	1.83E-06
92	561128.56	4192845.12	1.13E-06	7.94E-07	1.34E-07	1.35E-07	1.34E-07	9.96E-08	6.04E-08	2.48E-06	8.05E-07	6.18E-07	1.04E-07	1.04E-07	1.04E-07	6.95E-08	3.04E-08	1.84E-06
93	561119.15	4192846.45	1.13E-06	7.96E-07	1.35E-07	1.35E-07	1.35E-07	9.99E-08	6.06E-08	2.49E-06	8.07E-07	6.20E-07	1.04E-07	1.05E-07	1.04E-07	6.96E-08	3.05E-08	1.84E-06
94	561109.74	4192847.78	1.13E-06	7.97E-07	1.35E-07	1.35E-07	1.35E-07	1.00E-07	6.06E-08	2.49E-06	8.08E-07	6.21E-07	1.05E-07	1.05E-07	1.05E-07	6.97E-08	3.05E-08	1.84E-06
95	561452.11	4192539.68	5.67E-07	4.00E-07	6.77E-08	6.79E-08	6.77E-08	5.02E-08	3.04E-08	1.25E-06	4.06E-07	3.12E-07	5.25E-08	5.26E-08	5.25E-08	3.50E-08	1.53E-08	9.25E-07
96	561454.24	4192530.06	5.66E-07	3.99E-07	6.75E-08	6.77E-08	6.75E-08	5.01E-08	3.03E-08	1.25E-06	4.05E-07	3.11E-07	5.23E-08	5.25E-08	5.23E-08	3.49E-08	1.53E-08	9.23E-07
97	561471.3	4192453.1	5.55E-07	3.91E-07	6.62E-08	6.63E-08	6.62E-08	4.91E-08	2.97E-08	1.22E-06	3.97E-07	3.05E-07	5.13E-08	5.14E-08	5.13E-08	3.42E-08	1.50E-08	9.04E-07
98	561473.43	4192443.48	5.53E-07	3.89E-07	6.59E-08	6.61E-08	6.59E-08	4.89E-08	2.96E-08	1.22E-06	3.95E-07	3.03E-07	5.11E-08	5.13E-08	5.11E-08	3.41E-08	1.49E-08	9.01E-07
99	561264.15	4192835.23	8.40E-07	5.92E-07	1.00E-07	1.01E-07	1.00E-07	7.43E-08	4.51E-08	1.85E-06	6.01E-07	4.61E-07	7.77E-08	7.79E-08	7.77E-08	5.18E-08	2.27E-08	1.37E-06
100	561254.42	4192836.61	8.67E-07	6.11E-07	1.03E-07	1.04E-07	1.03E-07	7.67E-08	4.65E-08	1.91E-06	6.20E-07	4.76E-07	8.02E-08	8.05E-08	8.02E-08	5.35E-08	2.34E-08	1.41E-06
101	561244.68	4192837.98	8.94E-07	6.30E-07	1.07E-07	1.07E-07	1.07E-07	7.91E-08	4.79E-08	1.97E-06	6.39E-07	4.91E-07	8.27E-08	8.29E-08	8.27E-08	5.51E-08	2.41E-08	1.46E-06
102	561234.95	4192839.36	9.20E-07	6.48E-07	1.10E-07	1.10E-07	1.10E-07	8.14E-08	4.93E-08	2.03E-06	6.58E-07	5.05E-07	8.51E-08	8.53E-08	8.51E-08	5.67E-08	2.48E-08	1.50E-06
103	561225.22	4192840.74	9.44E-07	6.65E-07	1.13E-07	1.13E-07	1.13E-07	8.35E-08	5.06E-08	2.08E-06	6.75E-07	5.19E-07	8.73E-08	8.76E-08	8.73E-08	5.82E-08	2.55E-08	1.54E-06
104	561215.49	4192842.11	9.67E-07	6.82E-07	1.15E-07	1.16E-07	1.15E-07	8.56E-08	5.19E-08	2.13E-06	6.92E-07	5.31E-07	8.95E-08	8.97E-08	8.95E-08	5.97E-08	2.61E-08	1.58E-06
105	561205.76	4192843.49	9.88E-07	6.97E-07	1.18E-07	1.18E-07	1.18E-07	8.76E-08	5.30E-08	2.18E-06	7.07E-07	5.43E-07	9.14E-08	9.17E-08	9.14E-08	6.10E-08	2.67E-08	1.61E-06
106	561196.02	4192844.87	1.01E-06	7.11E-07	1.20E-07	1.21E-07	1.20E-07	8.92E-08	5.41E-08	2.22E-06	7.21E-07	5.54E-07	9.33E-08	9.35E-08	9.33E-08	6.22E-08	2.72E-08	1.64E-06
107	561176.56	4192847.62	1.04E-06	7.34E-07	1.24E-07	1.25E-07	1.24E-07	9.21E-08	5.58E-08	2.29E-06	7.44E-07	5.72E-07	9.63E-08	9.66E-08	9.63E-08	6.42E-08	2.81E-08	1.70E-06
108	561166.83	4192849	1.05E-06	7.42E-07	1.26E-07	1.26E-07	1.26E-07	9.32E-08	5.65E-08	2.32E-06	7.53E-07	5.79E-07	9.75E-08	9.77E-08	9.75E-08	6.50E-08	2.84E-08	1.72E-06
109	561157.1	4192850.37	1.06E-06	7.50E-07	1.27E-07	1.27E-07	1.27E-07	9.41E-08	5.71E-08	2.35E-06	7.61E-07	5.84E-07	9.84E-08	9.87E-08	9.84E-08	6.56E-08	2.87E-08	1.73E-06
110	561147.36	4192851.75	1.07E-06	7.56E-07	1.28E-07	1.28E-07	1.28E-07	9.49E-08	5.75E-08	2.36E-06	7.67E-07	5.89E-07	9.92E-08	9.95E-08	9.92E-08	6.61E-08	2.90E-08	1.75E-06
111	561137.63	4192853.13	1.08E-06	7.60E-07	1.29E-07	1.29E-07	1.29E-07	9.54E-08	5.78E-08	2.38E-06	7.71E-07	5.92E-07	9.97E-08	1.00E-07	9.97E-08	6.65E-08	2.91E-08	1.76E-06
112	561127.9	4192854.5	1.08E-06	7.63E-07	1.29E-07	1.29E-07	1.29E-07	9.58E-08	5.81E-08	2.39E-06	7.74E-07	5.94E-07	1.00E-07	1.00E-07	1.00E-07	6.68E-08	2.92E-08	1.77E-06
113	561118.17	4192855.88	1.08E-06	7.65E-07	1.29E-07	1.30E-07	1.29E-07	9.60E-08	5.82E-08	2.39E-06	7.76E-07	5.96E-07	1.00E-07	1.01E-07	1.00E-07	6.69E-08	2.93E-08	1.77E-06
114	561461.87	4192541.84	5.39E-07	3.80E-07	6.44E-08	6.45E-08	6.44E-08	4.77E-08	2.89E-08	1.19E-06	3.86E-07	2.96E-07	4.99E-08	5.00E-08	4.99E-08	3.33E-08	1.46E-08	8.80E-07
115	561464	4192532.22	5.38E-07	3.79E-07	6.42E-08	6.43E-08	6.42E-08	4.76E-08	2.88E-08	1.19E-06	3.85E-07	2.95E-07	4.98E-08	4.99E-08	4.98E-08	3.32E-08	1.45E-08	8.77E-07
116	561476.8	4192474.5	5.30E-07	3.73E-07	6.32E-08	6.34E-08	6.32E-08	4.69E-08	2.84E-08	1.17E-06	3.79E-07	2.91E-07	4.90E-08	4.91E-08	4.90E-08	3.27E-08	1.43E-08	8.64E-07
117	561481.06	4192455.26	5.27E-07	3.71E-07	6.29E-08	6.30E-08	6.29E-08	4.66E-08	2.83E-08	1.16E-06	3.77E-07	2.89E-07	4.87E-08	4.89E-08	4.87E-08	3.25E-08	1.42E-08	8.59E-07
118	561483.19	4192445.64	5.25E-07	3.70E-07	6.27E-08	6.28E-08	6.27E-08	4.65E-08	2.82E-08	1.16E-06	3.76E-07	2.88E-07	4.86E-08	4.87E-08	4.86E-08	3.24E-08	1.42E-08	8.57E-07
119	561269.64	4192843.74	8.04E-07	5.67E-07	9.59E-08	9.62E-08	9.59E-08	7.11E-08	4.31E-08	1.77E-06	5.75E-07	4.41E-07	7.44E-08	7.46E-08	7.44E-08	4.96E-08	2.17E-08	1.31E-06
120	561259.99	4192845.11	8.29E-07	5.84E-07	9.89E-08	9.92E-08	9.89E-08	7.34E-08	4.45E-08	1.83E-06	5.93E-07	4.55E-07	7.67E-08	7.69E-08	7.67E-08	5.12E-08	2.24E-08	1.35E-06
121	561250.33	4192846.87	8.54E-07	6.02E-07	1.02E-07	1.02E-07	1.02E-07	7.56E-08	4.58E-08	1.88E-06	6.11E-07	4.69E-07	7.90E-08	7.93E-08	7.90E-08	5.27E-08	2.31E-08	1.39E-06
122	561240.68	4192847.84	8.79E-07	6.19E-07	1.05E-07	1.05E-07	1.05E-07	7.77E-08	4.71E-08	1.94E-06	6.28E-07	4.83E-07	8.13E-08	8.15E-08	8.13E-08	5.42E-08	2.37E-08	1.43E-06
123	561231.02	4192849.2	9.02E-07	6.36E-07	1.08E-07	1.08E-07	1.08E-07	7.98E-08	4.84E-08	1.99E-06	6.45E-07	4.95E-07	8.35E-08	8.37E-08	8.35E-08	5.56E-08	2.44E-08	1.47E-06
124	561221.37	4192850.57	9.24E-07	6.51E-07	1.10E-07	1.11E-07	1.10E-07	8.18E-08	4.96E-08	2.04E-06	6.61E-07	5.07E-07	8.55E-08	8.57E-08	8.55E-08	5.70E-08	2.50E-08	1.51E-06
125	561211.71	4192851.93	9.44E-07	6.66E-07	1.13E-07	1.13E-07	1.13E-07	8.36E-08	5.07E-08	2.08E-06	6.75E-07	5.19E-07	8.74E-08	8.76E-08	8.74E-08	5.83E-08	2.55E-08	1.54E-06
126	561202.06	4192853.3	9.63E-07	6.79E-07	1.15E-07	1.15E-07	1.15E-07	8.52E-08	5.17E-08	2.12E-06	6.89E-07	5.29E-07	8.91E-08	8.94E-08	8.91E-08	5.94E-08	2.60E-08	1.57E-06
127	561173.1	4192857.4	1.01E-06	7.11E-07	1.20E-07	1.21E-07	1.20E-07	8.92E-08	5.41E-08	2.22E-06	7.21E-07	5.54E-07	9.33E-08	9.35E-08	9.33E-08	6.22E-08	2.72E-08	1.64E-06
128	561163.44	4192858.76	1.02E-06	7.18E-07	1.22E-07	1.22E-07	1.22E-07	9.01E-08	5.46E-08	2.25E-06	7.29E-07	5.60E-07	9.43E-08	9.45E-08	9.43E-08	6.28E-08	2.75E-08	1.66E-06
129	561153.79	4192860.13	1.03E-06	7.24E-07	1.23E-07	1.23E-07	1.23E-07	9.09E-08	5.51E-08	2.27E-06	7.35E-07	5.64E-07	9.50E-08	9.53E-08	9.50E-08	6.34E-08	2.77E-08	1.68E-06
130	561144.14	4192861.49	1.03E-06	7.29E-07	1.23E-07	1.23E-07	1.23E-07	9.15E-08	5.55E-08	2.28E-06	7.39E-07	5.68E-07	9.57E-08	9.59E-08	9.57E-08	6.38E-08	2.79E-08	1.69E-06
131	561134.48	4192862.86	1.04E-06	7.32E-07	1.24E-07	1.24E-07	1.24E-07	9.19E-08	5.57E-08	2.29E-06	7.43E-07	5.70E-07	9.61E-08	9.64E-08	9.61E-08	6.41E-08	2.81E-08	1.69E-06
132	561325.61	4192377.76	1.46E-06	1.03E-06	1.74E-07	1.74E-07	1.74E-07	1.29E-07	7.81E-08	3.21E-06	1.04E-06	8.00E-07	1.35E-07	1.35E-07	1.35E-07	8.98E-08	3.93E-08	2.37E-06
133	561328.03	4192368.66	1.42E-06	9.99E-07	1.69E-07	1.70E-07	1.69E-07	1.25E-07	7.60E-08	3.13E-06	1.01E-06	7.76E-07	1.31E-07	1.31E-07	1.31E-07	8.74E-08	3.83E-08	2.31E-06
134	561330.45	4192359.56	1.38E-06	9.72E-07	1.65E-07	1.65E-07	1.65E-07	1.22E-07	7.40E-08	3.04E-06	9.86E-07	7.57E-07	1.28E-07	1.28E-07	1.28E-07	8.51E-08	3.72E-08	2.25E-06
135	561335.28	4192380.33	1.35E-06	9.49E-07	1.61E-07	1.61E-07	1.61E-07	1.19E-07	7.22E-08	2.97E-06	9.63E-07	7.40E-07	1.25E-07	1.25E-07	1.25E-07	8.31E-08	3.64E-08	2.20E-06
136	561337.7	4192371.23	1.31E-06	9.25E-07	1.57E-07	1.57E-07	1.57E-07	1.16E-07	7.04E-08	2.90E-06	9.39E-07	7.21E-07	1.21E-07	1.22E-07	1.21E-07	8.10E-08	3.55E-08	2.14E-06
137	561340.12	4192362.14	1.28E-06	9.01E-07	1.53E-07	1.53E-07	1.53E-07	1.13E-07	6.86E-08	2.82E-06	9.14E-07	7.02E-07	1.18E-07	1.19E-07	1.18E-07	7.89E-08	3.45E-08	2.09E-06
138	561344.94	4192382.9	1.25E-06	8.81E-07	1.49E-07	1.50E-07	1.49E-07	1.11E-07	6.71E-08	2.76E-06	8.94E-07	6.87E-07	1.16E-07	1.1				

181	561415.01	4192391.8	7.81E-07	5.51E-07	9.32E-08	9.35E-08	9.32E-08	6.91E-08	4.19E-08	1.72E-06	5.59E-07	4.29E-07	7.23E-08	7.25E-08	7.23E-08	4.82E-08	2.11E-08	1.27E-06
182	561417.43	4192382.71	7.71E-07	5.43E-07	9.20E-08	9.22E-08	9.20E-08	6.82E-08	4.13E-08	1.70E-06	5.51E-07	4.23E-07	7.13E-08	7.15E-08	7.13E-08	4.75E-08	2.08E-08	1.26E-06
183	561419.85	4192373.61	7.60E-07	5.35E-07	9.06E-08	9.09E-08	9.06E-08	6.72E-08	4.08E-08	1.68E-06	5.43E-07	4.17E-07	7.03E-08	7.05E-08	7.03E-08	4.69E-08	2.05E-08	1.24E-06
184	561422.27	4192364.51	7.48E-07	5.27E-07	8.93E-08	8.95E-08	8.93E-08	6.62E-08	4.01E-08	1.65E-06	5.35E-07	4.11E-07	6.92E-08	6.94E-08	6.92E-08	4.62E-08	2.02E-08	1.22E-06
185	561424.69	4192355.41	7.37E-07	5.19E-07	8.79E-08	8.81E-08	8.79E-08	6.52E-08	3.95E-08	1.62E-06	5.27E-07	4.05E-07	6.82E-08	6.84E-08	6.82E-08	4.54E-08	1.99E-08	1.20E-06
186	561427.11	4192346.31	7.25E-07	5.11E-07	8.65E-08	8.68E-08	8.65E-08	6.42E-08	3.89E-08	1.60E-06	5.19E-07	3.98E-07	6.71E-08	6.73E-08	6.71E-08	4.47E-08	1.96E-08	1.18E-06
187	561429.53	4192337.21	7.14E-07	5.03E-07	8.52E-08	8.54E-08	8.52E-08	6.32E-08	3.83E-08	1.57E-06	5.11E-07	3.92E-07	6.61E-08	6.62E-08	6.61E-08	4.40E-08	1.93E-08	1.16E-06
188	561431.95	4192328.11	7.03E-07	4.96E-07	8.39E-08	8.41E-08	8.39E-08	6.22E-08	3.77E-08	1.55E-06	5.03E-07	3.86E-07	6.51E-08	6.53E-08	6.51E-08	4.34E-08	1.90E-08	1.15E-06
189	561417.41	4192421.67	7.65E-07	5.39E-07	9.13E-08	9.15E-08	9.13E-08	6.77E-08	4.10E-08	1.69E-06	5.47E-07	4.20E-07	7.08E-08	7.10E-08	7.08E-08	4.72E-08	2.07E-08	1.25E-06
190	561419.83	4192412.57	7.56E-07	5.33E-07	9.03E-08	9.05E-08	9.03E-08	6.69E-08	4.06E-08	1.67E-06	5.41E-07	4.15E-07	7.00E-08	7.02E-08	7.00E-08	4.67E-08	2.04E-08	1.23E-06
191	561422.25	4192403.47	7.48E-07	5.27E-07	8.92E-08	8.95E-08	8.92E-08	6.62E-08	4.01E-08	1.65E-06	5.35E-07	4.11E-07	6.92E-08	6.94E-08	6.92E-08	4.61E-08	2.02E-08	1.22E-06
192	561424.67	4192394.37	7.38E-07	5.21E-07	8.81E-08	8.84E-08	8.81E-08	6.53E-08	3.96E-08	1.63E-06	5.28E-07	4.06E-07	6.83E-08	6.85E-08	6.83E-08	4.56E-08	1.99E-08	1.20E-06
193	561427.09	4192385.28	7.29E-07	5.14E-07	8.70E-08	8.72E-08	8.70E-08	6.45E-08	3.91E-08	1.61E-06	5.21E-07	4.00E-07	6.75E-08	6.77E-08	6.75E-08	4.50E-08	1.97E-08	1.19E-06
194	561429.51	4192376.18	7.19E-07	5.07E-07	8.58E-08	8.61E-08	8.58E-08	6.37E-08	3.86E-08	1.59E-06	5.14E-07	3.95E-07	6.66E-08	6.68E-08	6.66E-08	4.44E-08	1.94E-08	1.17E-06
195	561431.93	4192367.08	7.10E-07	5.00E-07	8.47E-08	8.49E-08	8.47E-08	6.28E-08	3.81E-08	1.56E-06	5.07E-07	3.90E-07	6.57E-08	6.58E-08	6.57E-08	4.38E-08	1.92E-08	1.16E-06
196	561434.35	4192357.98	6.99E-07	4.93E-07	8.35E-08	8.37E-08	8.35E-08	6.19E-08	3.75E-08	1.54E-06	5.00E-07	3.84E-07	6.47E-08	6.49E-08	6.47E-08	4.31E-08	1.89E-08	1.14E-06
197	561436.78	4192348.88	6.89E-07	4.86E-07	8.23E-08	8.25E-08	8.23E-08	6.10E-08	3.70E-08	1.52E-06	4.93E-07	3.79E-07	6.38E-08	6.40E-08	6.38E-08	4.25E-08	1.86E-08	1.12E-06
198	561439.2	4192339.78	6.80E-07	4.79E-07	8.11E-08	8.13E-08	8.11E-08	6.01E-08	3.65E-08	1.50E-06	4.86E-07	3.73E-07	6.29E-08	6.31E-08	6.29E-08	4.19E-08	1.84E-08	1.11E-06
199	561441.62	4192330.69	6.70E-07	4.72E-07	8.00E-08	8.02E-08	8.00E-08	5.93E-08	3.59E-08	1.48E-06	4.79E-07	3.68E-07	6.20E-08	6.22E-08	6.20E-08	4.13E-08	1.81E-08	1.09E-06
200	561429.49	4192415.14	7.14E-07	5.03E-07	8.52E-08	8.54E-08	8.52E-08	6.32E-08	3.83E-08	1.57E-06	5.11E-07	3.92E-07	6.61E-08	6.62E-08	6.61E-08	4.40E-08	1.93E-08	1.16E-06
201	561431.91	4192406.04	7.07E-07	4.98E-07	8.43E-08	8.46E-08	8.43E-08	6.25E-08	3.79E-08	1.56E-06	5.05E-07	3.88E-07	6.54E-08	6.56E-08	6.54E-08	4.36E-08	1.91E-08	1.15E-06
202	561434.34	4192396.95	6.99E-07	4.93E-07	8.34E-08	8.36E-08	8.34E-08	6.19E-08	3.75E-08	1.54E-06	5.00E-07	3.84E-07	6.47E-08	6.49E-08	6.47E-08	4.31E-08	1.89E-08	1.14E-06
203	561436.76	4192387.85	6.91E-07	4.87E-07	8.24E-08	8.26E-08	8.24E-08	6.11E-08	3.71E-08	1.52E-06	4.94E-07	3.79E-07	6.39E-08	6.41E-08	6.39E-08	4.26E-08	1.87E-08	1.13E-06
204	561439.18	4192378.75	6.82E-07	4.81E-07	8.14E-08	8.16E-08	8.14E-08	6.04E-08	3.66E-08	1.50E-06	4.88E-07	3.75E-07	6.31E-08	6.33E-08	6.31E-08	4.21E-08	1.84E-08	1.11E-06
205	561441.6	4192369.65	6.74E-07	4.75E-07	8.04E-08	8.06E-08	8.04E-08	5.96E-08	3.61E-08	1.49E-06	4.82E-07	3.70E-07	6.23E-08	6.25E-08	6.23E-08	4.16E-08	1.82E-08	1.10E-06
206	561444.02	4192360.55	6.65E-07	4.69E-07	7.93E-08	7.95E-08	7.93E-08	5.88E-08	3.57E-08	1.47E-06	4.75E-07	3.65E-07	6.15E-08	6.17E-08	6.15E-08	4.10E-08	1.80E-08	1.08E-06
207	561446.44	4192351.45	6.56E-07	4.63E-07	7.83E-08	7.85E-08	7.83E-08	5.81E-08	3.52E-08	1.45E-06	4.69E-07	3.60E-07	6.07E-08	6.09E-08	6.07E-08	4.05E-08	1.77E-08	1.07E-06
208	561448.86	4192342.36	6.48E-07	4.57E-07	7.73E-08	7.75E-08	7.73E-08	5.73E-08	3.47E-08	1.43E-06	4.63E-07	3.56E-07	5.99E-08	6.01E-08	5.99E-08	4.00E-08	1.75E-08	1.06E-06
209	561451.28	4192333.26	6.40E-07	4.51E-07	7.63E-08	7.65E-08	7.63E-08	5.66E-08	3.43E-08	1.41E-06	4.57E-07	3.51E-07	5.92E-08	5.93E-08	5.92E-08	3.95E-08	1.73E-08	1.04E-06
210	561439.16	4192417.71	6.75E-07	4.76E-07	8.05E-08	8.07E-08	8.05E-08	5.97E-08	3.62E-08	1.49E-06	4.82E-07	3.71E-07	6.24E-08	6.26E-08	6.24E-08	4.16E-08	1.82E-08	1.10E-06
211	561441.58	4192408.62	6.69E-07	4.71E-07	7.98E-08	8.00E-08	7.98E-08	5.92E-08	3.59E-08	1.47E-06	4.78E-07	3.67E-07	6.19E-08	6.20E-08	6.19E-08	4.13E-08	1.81E-08	1.09E-06
212	561444	4192399.52	6.62E-07	4.67E-07	7.90E-08	7.92E-08	7.90E-08	5.86E-08	3.55E-08	1.46E-06	4.74E-07	3.64E-07	6.13E-08	6.15E-08	6.13E-08	4.09E-08	1.79E-08	1.08E-06
213	561446.42	4192390.42	6.55E-07	4.62E-07	7.82E-08	7.84E-08	7.82E-08	5.80E-08	3.51E-08	1.44E-06	4.69E-07	3.60E-07	6.06E-08	6.08E-08	6.06E-08	4.04E-08	1.77E-08	1.07E-06
214	561448.84	4192381.32	6.48E-07	4.57E-07	7.73E-08	7.75E-08	7.73E-08	5.73E-08	3.47E-08	1.43E-06	4.63E-07	3.56E-07	5.99E-08	6.01E-08	5.99E-08	4.00E-08	1.75E-08	1.06E-06
215	561451.26	4192372.22	6.40E-07	4.51E-07	7.64E-08	7.66E-08	7.64E-08	5.66E-08	3.43E-08	1.41E-06	4.58E-07	3.52E-07	5.92E-08	5.94E-08	5.92E-08	3.95E-08	1.73E-08	1.04E-06
216	561453.68	4192363.12	6.33E-07	4.46E-07	7.55E-08	7.57E-08	7.55E-08	5.60E-08	3.39E-08	1.40E-06	4.52E-07	3.47E-07	5.85E-08	5.87E-08	5.85E-08	3.90E-08	1.71E-08	1.03E-06
217	561456.1	4192354.03	6.25E-07	4.41E-07	7.46E-08	7.48E-08	7.46E-08	5.53E-08	3.35E-08	1.38E-06	4.47E-07	3.43E-07	5.79E-08	5.80E-08	5.79E-08	3.86E-08	1.69E-08	1.02E-06
218	561458.52	4192344.93	6.18E-07	4.36E-07	7.38E-08	7.40E-08	7.38E-08	5.47E-08	3.32E-08	1.36E-06	4.42E-07	3.40E-07	5.72E-08	5.74E-08	5.72E-08	3.81E-08	1.67E-08	1.01E-06
219	561460.94	4192335.83	6.11E-07	4.31E-07	7.29E-08	7.31E-08	7.29E-08	5.41E-08	3.28E-08	1.35E-06	4.37E-07	3.36E-07	5.65E-08	5.67E-08	5.65E-08	3.77E-08	1.65E-08	9.97E-07
220	561448.82	4192420.29	6.39E-07	4.50E-07	7.62E-08	7.64E-08	7.62E-08	5.65E-08	3.43E-08	1.41E-06	4.57E-07	3.51E-07	5.91E-08	5.92E-08	5.91E-08	3.94E-08	1.72E-08	1.04E-06
221	561451.24	4192411.19	6.33E-07	4.47E-07	7.56E-08	7.58E-08	7.56E-08	5.61E-08	3.40E-08	1.40E-06	4.53E-07	3.48E-07	5.86E-08	5.88E-08	5.86E-08	3.91E-08	1.71E-08	1.03E-06
222	561453.66	4192402.09	6.28E-07	4.43E-07	7.49E-08	7.51E-08	7.49E-08	5.56E-08	3.37E-08	1.38E-06	4.49E-07	3.45E-07	5.81E-08	5.83E-08	5.81E-08	3.87E-08	1.70E-08	1.02E-06
223	561456.08	4192392.99	6.22E-07	4.38E-07	7.42E-08	7.44E-08	7.42E-08	5.50E-08	3.34E-08	1.37E-06	4.45E-07	3.42E-07	5.75E-08	5.77E-08	5.75E-08	3.84E-08	1.68E-08	1.01E-06
224	561458.5	4192383.89	6.15E-07	4.34E-07	7.34E-08	7.36E-08	7.34E-08	5.45E-08	3.30E-08	1.36E-06	4.40E-07	3.38E-07	5.69E-08	5.71E-08	5.69E-08	3.80E-08	1.66E-08	1.00E-06
225	561460.92	4192374.79	6.09E-07	4.29E-07	7.27E-08	7.29E-08	7.27E-08	5.39E-08	3.27E-08	1.34E-06	4.35E-07	3.34E-07	5.63E-08	5.65E-08	5.63E-08	3.76E-08	1.64E-08	9.93E-07
226	561463.35	4192365.69	6.02E-07	4.25E-07	7.19E-08	7.21E-08	7.19E-08	5.33E-08	3.23E-08	1.33E-06	4.31E-07	3.31E-07	5.57E-08	5.59E-08	5.57E-08	3.72E-08	1.63E-08	9.83E-07
227	561465.77	4192356.6	5.96E-07	4.20E-07	7.12E-08	7.14E-08	7.12E-08	5.28E-08	3.20E-08	1.32E-06	4.26E-07	3.28E-07	5.52E-08	5.53E-08	5.52E-08	3.68E-08	1.61E-08	9.73E-07
228	561468.19	4192347.5	5.90E-07	4.16E-07	7.04E-08	7.06E-08	7.04E-08	5.22E-08	3.17E-08	1.30E-06	4.22E-07	3.24E-07	5.46E-08	5.48E-08	5.46E-08	3.64E-08	1.59E-08	9.63E-07
229	561470.61	4192338.4	5.84E-07	4.12E-07	6.97E-08	6.99E-08	6.97E-08	5.17E-08	3.13E-08	1.29E-06	4.18E-07	3.21E-07	5.41E-08	5.42E-08	5.41E-08	3.60E-08	1.58E-08	9.53E-07
230	561458.48	4192422.86	6.05E-07	4.27E-07	7.22E-08	7.24E-08	7.22E-08	5.36E-08	3.25E-08	1.34E-06	4.33E-07	3.33E-07						

273	561411.6	4192221.7	6.82E-07	4.81E-07	8.14E-08	8.17E-08	8.14E-08	6.04E-08	3.66E-08	1.51E-06	4.88E-07	3.75E-07	6.31E-08	6.33E-08	6.31E-08	4.21E-08	1.84E-08	1.11E-06
274	561412.91	4192231.18	6.95E-07	4.90E-07	8.29E-08	8.31E-08	8.29E-08	6.15E-08	3.73E-08	1.53E-06	4.97E-07	3.82E-07	6.43E-08	6.45E-08	6.43E-08	4.29E-08	1.88E-08	1.13E-06
275	561417.52	4192197.16	6.18E-07	4.36E-07	7.37E-08	7.39E-08	7.37E-08	5.47E-08	3.31E-08	1.36E-06	4.42E-07	3.39E-07	5.72E-08	5.73E-08	5.72E-08	3.81E-08	1.67E-08	1.01E-06
276	561418.81	4192206.53	6.33E-07	4.46E-07	7.55E-08	7.57E-08	7.55E-08	5.60E-08	3.40E-08	1.40E-06	4.53E-07	3.48E-07	5.86E-08	5.87E-08	5.86E-08	3.90E-08	1.71E-08	1.03E-06
277	561420.11	4192215.9	6.47E-07	4.56E-07	7.72E-08	7.74E-08	7.72E-08	5.72E-08	3.47E-08	1.43E-06	4.62E-07	3.55E-07	5.98E-08	6.00E-08	5.98E-08	3.99E-08	1.75E-08	1.05E-06
278	561421.41	4192225.28	6.59E-07	4.64E-07	7.86E-08	7.88E-08	7.86E-08	5.83E-08	3.53E-08	1.45E-06	4.71E-07	3.62E-07	6.10E-08	6.11E-08	6.10E-08	4.06E-08	1.78E-08	1.07E-06
279	561422.7	4192234.65	6.69E-07	4.72E-07	7.99E-08	8.01E-08	7.99E-08	5.92E-08	3.59E-08	1.48E-06	4.79E-07	3.68E-07	6.19E-08	6.21E-08	6.19E-08	4.13E-08	1.81E-08	1.09E-06
280	561424.77	4192182.33	5.71E-07	4.02E-07	6.81E-08	6.83E-08	6.81E-08	5.05E-08	3.06E-08	1.26E-06	4.08E-07	3.14E-07	5.28E-08	5.30E-08	5.28E-08	3.52E-08	1.54E-08	9.31E-07
281	561426.06	4192191.61	5.86E-07	4.13E-07	6.99E-08	7.01E-08	6.99E-08	5.19E-08	3.14E-08	1.29E-06	4.19E-07	3.22E-07	5.42E-08	5.44E-08	5.42E-08	3.62E-08	1.58E-08	9.56E-07
282	561427.34	4192200.89	6.00E-07	4.23E-07	7.17E-08	7.18E-08	7.17E-08	5.31E-08	3.22E-08	1.32E-06	4.29E-07	3.30E-07	5.56E-08	5.57E-08	5.56E-08	3.70E-08	1.62E-08	9.79E-07
283	561428.62	4192210.18	6.14E-07	4.33E-07	7.32E-08	7.34E-08	7.32E-08	5.43E-08	3.29E-08	1.35E-06	4.39E-07	3.37E-07	5.68E-08	5.70E-08	5.68E-08	3.79E-08	1.66E-08	1.00E-06
284	561429.91	4192219.46	6.26E-07	4.41E-07	7.47E-08	7.49E-08	7.47E-08	5.54E-08	3.36E-08	1.38E-06	4.48E-07	3.44E-07	5.79E-08	5.81E-08	5.79E-08	3.86E-08	1.69E-08	1.02E-06
285	561431.19	4192228.75	6.36E-07	4.49E-07	7.59E-08	7.61E-08	7.59E-08	5.63E-08	3.41E-08	1.40E-06	4.55E-07	3.49E-07	5.89E-08	5.90E-08	5.89E-08	3.93E-08	1.72E-08	1.04E-06
286	561432.48	4192238.03	6.45E-07	4.55E-07	7.70E-08	7.72E-08	7.70E-08	5.71E-08	3.46E-08	1.42E-06	4.61E-07	3.54E-07	5.97E-08	5.99E-08	5.97E-08	3.98E-08	1.74E-08	1.05E-06
287	561434.94	4192188.53	5.61E-07	3.95E-07	6.69E-08	6.71E-08	6.69E-08	4.96E-08	3.01E-08	1.24E-06	4.01E-07	3.08E-07	5.19E-08	5.20E-08	5.19E-08	3.46E-08	1.51E-08	9.14E-07
288	561436.28	4192198.22	5.75E-07	4.05E-07	6.86E-08	6.88E-08	6.86E-08	5.09E-08	3.08E-08	1.27E-06	4.11E-07	3.16E-07	5.32E-08	5.33E-08	5.32E-08	3.55E-08	1.55E-08	9.37E-07
289	561437.62	4192207.91	5.88E-07	4.14E-07	7.01E-08	7.03E-08	7.01E-08	5.20E-08	3.15E-08	1.30E-06	4.20E-07	3.23E-07	5.44E-08	5.45E-08	5.44E-08	3.63E-08	1.59E-08	9.59E-07
290	561438.96	4192217.59	6.00E-07	4.23E-07	7.16E-08	7.18E-08	7.16E-08	5.31E-08	3.22E-08	1.32E-06	4.29E-07	3.29E-07	5.55E-08	5.56E-08	5.55E-08	3.70E-08	1.62E-08	9.78E-07
291	561445.66	4192266.03	6.34E-07	4.47E-07	7.57E-08	7.59E-08	7.57E-08	5.61E-08	3.40E-08	1.40E-06	4.54E-07	3.48E-07	5.87E-08	5.89E-08	5.87E-08	3.91E-08	1.71E-08	1.03E-06
292	561429.07	4192129.23	4.63E-07	3.26E-07	5.52E-08	5.54E-08	5.52E-08	4.10E-08	2.48E-08	1.02E-06	3.31E-07	2.54E-07	4.28E-08	4.29E-08	4.28E-08	2.86E-08	1.25E-08	7.55E-07
293	561438.17	4192144.58	4.75E-07	3.35E-07	5.67E-08	5.68E-08	5.67E-08	4.20E-08	2.55E-08	1.05E-06	3.40E-07	2.61E-07	4.39E-08	4.41E-08	4.39E-08	2.93E-08	1.28E-08	7.74E-07
294	561439.49	4192154.17	4.90E-07	3.45E-07	5.84E-08	5.86E-08	5.84E-08	4.33E-08	2.63E-08	1.08E-06	3.50E-07	2.69E-07	4.53E-08	4.54E-08	4.53E-08	3.02E-08	1.32E-08	7.98E-07
295	561440.82	4192163.75	5.04E-07	3.55E-07	6.02E-08	6.03E-08	6.02E-08	4.46E-08	2.70E-08	1.11E-06	3.61E-07	2.77E-07	4.67E-08	4.68E-08	4.67E-08	3.11E-08	1.36E-08	8.22E-07
296	561444.8	4192192.51	5.47E-07	3.85E-07	6.52E-08	6.54E-08	6.52E-08	4.84E-08	2.93E-08	1.21E-06	3.91E-07	3.00E-07	5.06E-08	5.07E-08	5.06E-08	3.37E-08	1.48E-08	8.92E-07
297	561452.75	4192250.04	6.03E-07	4.25E-07	7.19E-08	7.21E-08	7.19E-08	5.33E-08	3.23E-08	1.33E-06	4.31E-07	3.31E-07	5.58E-08	5.59E-08	5.58E-08	3.72E-08	1.63E-08	9.83E-07
298	561454.08	4192259.62	6.07E-07	4.28E-07	7.24E-08	7.26E-08	7.24E-08	5.37E-08	3.25E-08	1.34E-06	4.34E-07	3.33E-07	5.61E-08	5.63E-08	5.61E-08	3.74E-08	1.64E-08	9.90E-07
299	561455.41	4192269.21	6.09E-07	4.30E-07	7.27E-08	7.29E-08	7.27E-08	5.39E-08	3.27E-08	1.34E-06	4.36E-07	3.35E-07	5.64E-08	5.65E-08	5.64E-08	3.76E-08	1.65E-08	9.94E-07
300	561459.39	4192297.97	6.11E-07	4.30E-07	7.29E-08	7.31E-08	7.29E-08	5.40E-08	3.28E-08	1.35E-06	4.37E-07	3.35E-07	5.65E-08	5.67E-08	5.65E-08	3.77E-08	1.65E-08	9.96E-07
301	561460.71	4192307.56	6.09E-07	4.29E-07	7.27E-08	7.29E-08	7.27E-08	5.39E-08	3.27E-08	1.34E-06	4.36E-07	3.35E-07	5.64E-08	5.65E-08	5.64E-08	3.76E-08	1.65E-08	9.93E-07
302	561430.05	4192118.47	4.44E-07	3.13E-07	5.29E-08	5.31E-08	5.29E-08	3.93E-08	2.38E-08	9.78E-07	3.17E-07	2.44E-07	4.10E-08	4.12E-08	4.10E-08	2.74E-08	1.20E-08	7.24E-07
303	561437.74	4192124.18	4.41E-07	3.11E-07	5.27E-08	5.28E-08	5.27E-08	3.91E-08	2.37E-08	9.73E-07	3.16E-07	2.42E-07	4.08E-08	4.10E-08	4.08E-08	2.72E-08	1.19E-08	7.20E-07
304	561446.76	4192139.39	4.53E-07	3.19E-07	5.40E-08	5.42E-08	5.40E-08	4.01E-08	2.43E-08	9.99E-07	3.24E-07	2.49E-07	4.19E-08	4.20E-08	4.19E-08	2.79E-08	1.22E-08	7.39E-07
305	561448.07	4192148.89	4.67E-07	3.29E-07	5.57E-08	5.58E-08	5.57E-08	4.13E-08	2.50E-08	1.03E-06	3.34E-07	2.56E-07	4.32E-08	4.33E-08	4.32E-08	2.88E-08	1.26E-08	7.61E-07
306	561449.38	4192158.38	4.80E-07	3.39E-07	5.73E-08	5.75E-08	5.73E-08	4.25E-08	2.58E-08	1.06E-06	3.43E-07	2.64E-07	4.44E-08	4.46E-08	4.44E-08	2.96E-08	1.30E-08	7.83E-07
307	561450.7	4192167.88	4.94E-07	3.48E-07	5.90E-08	5.91E-08	5.90E-08	4.37E-08	2.65E-08	1.09E-06	3.53E-07	2.71E-07	4.57E-08	4.58E-08	4.57E-08	3.05E-08	1.33E-08	8.06E-07
308	561462.52	4192253.54	5.81E-07	4.09E-07	6.93E-08	6.95E-08	6.93E-08	5.14E-08	3.11E-08	1.28E-06	4.15E-07	3.19E-07	5.37E-08	5.39E-08	5.37E-08	3.58E-08	1.57E-08	9.47E-07
309	561463.83	4192262.83	5.84E-07	4.12E-07	6.97E-08	6.99E-08	6.97E-08	5.17E-08	3.13E-08	1.29E-06	4.18E-07	3.21E-07	5.40E-08	5.42E-08	5.40E-08	3.60E-08	1.58E-08	9.52E-07
310	561465.15	4192272.33	5.86E-07	4.13E-07	6.99E-08	7.01E-08	6.99E-08	5.18E-08	3.14E-08	1.29E-06	4.19E-07	3.22E-07	5.42E-08	5.44E-08	5.42E-08	3.61E-08	1.58E-08	9.55E-07
311	561466.46	4192281.82	5.87E-07	4.14E-07	7.00E-08	7.02E-08	7.00E-08	5.19E-08	3.15E-08	1.29E-06	4.20E-07	3.22E-07	5.43E-08	5.44E-08	5.43E-08	3.62E-08	1.58E-08	9.57E-07
312	561467.77	4192291.32	5.86E-07	4.13E-07	7.00E-08	7.02E-08	7.00E-08	5.19E-08	3.15E-08	1.29E-06	4.19E-07	3.22E-07	5.43E-08	5.44E-08	5.43E-08	3.62E-08	1.58E-08	9.56E-07
313	561469.09	4192300.81	5.85E-07	4.13E-07	6.98E-08	7.00E-08	6.98E-08	5.18E-08	3.14E-08	1.29E-06	4.19E-07	3.21E-07	5.42E-08	5.43E-08	5.42E-08	3.61E-08	1.58E-08	9.55E-07
314	561470.4	4192310.31	5.83E-07	4.11E-07	6.96E-08	6.98E-08	6.96E-08	5.16E-08	3.13E-08	1.29E-06	4.17E-07	3.20E-07	5.40E-08	5.41E-08	5.40E-08	3.60E-08	1.58E-08	9.52E-07
315	561431.15	4192107.81	4.26E-07	3.00E-07	5.08E-08	5.09E-08	5.08E-08	3.77E-08	2.28E-08	9.39E-07	3.04E-07	2.34E-07	3.94E-08	3.95E-08	3.94E-08	2.63E-08	1.15E-08	6.94E-07
316	561438.78	4192113.47	4.23E-07	2.98E-07	5.05E-08	5.07E-08	5.05E-08	3.75E-08	2.27E-08	9.34E-07	3.03E-07	2.33E-07	3.92E-08	3.93E-08	3.92E-08	2.61E-08	1.14E-08	6.90E-07
317	561446.41	4192119.14	4.21E-07	2.97E-07	5.03E-08	5.04E-08	5.03E-08	3.73E-08	2.26E-08	9.30E-07	3.01E-07	2.32E-07	3.90E-08	3.91E-08	3.90E-08	2.60E-08	1.14E-08	6.87E-07
318	561455.35	4192134.21	4.32E-07	3.05E-07	5.16E-08	5.17E-08	5.16E-08	3.83E-08	2.32E-08	9.54E-07	3.09E-07	2.38E-07	4.00E-08	4.01E-08	4.00E-08	2.67E-08	1.17E-08	7.05E-07
319	561456.65	4192143.62	4.45E-07	3.14E-07	5.31E-08	5.33E-08	5.31E-08	3.94E-08	2.39E-08	9.82E-07	3.18E-07	2.45E-07	4.12E-08	4.13E-08	4.12E-08	2.75E-08	1.20E-08	7.26E-07
320	561457.95	4192153.03	4.58E-07	3.23E-07	5.47E-08	5.48E-08	5.47E-08	4.05E-08	2.46E-08	1.01E-06	3.28E-07	2.52E-07	4.24E-08	4.25E-08	4.24E-08	2.83E-08	1.24E-08	7.47E-07
321	561464.46	4192200.1	5.19E-07	3.66E-07	6.20E-08	6.22E-08	6.20E-08	4.60E-08	2.79E-08	1.15E-06	3.72E-07	2.85E-07	4.81E-08	4.82E-08	4.81E-08	3.20E-08	1.40E-08	8.47E-07
322	561465.76	4192209.51	5.29E-07	3.73E-07	6.32E-08	6.33E-08	6.32E-08	4.68E-08	2.84E-08	1.17E-06	3.79E-07	2.91E-0						

365	561499.34	4192317.67	5.15E-07	3.63E-07	6.15E-08	6.17E-08	6.15E-08	4.56E-08	2.76E-08	1.14E-06	3.69E-07	2.83E-07	4.77E-08	4.78E-08	4.77E-08	3.18E-08	1.39E-08	8.41E-07
366	561409.9	4192057.6	3.94E-07	2.77E-07	4.70E-08	4.71E-08	4.70E-08	3.48E-08	2.11E-08	8.68E-07	2.82E-07	2.16E-07	3.64E-08	3.65E-08	3.64E-08	2.43E-08	1.06E-08	6.42E-07
367	561433.22	4192074.9	3.79E-07	2.67E-07	4.53E-08	4.54E-08	4.53E-08	3.36E-08	2.04E-08	8.37E-07	2.71E-07	2.08E-07	3.51E-08	3.52E-08	3.51E-08	2.34E-08	1.02E-08	6.19E-07
368	561440.99	4192080.67	3.76E-07	2.65E-07	4.49E-08	4.50E-08	4.49E-08	3.33E-08	2.02E-08	8.30E-07	2.69E-07	2.07E-07	3.48E-08	3.49E-08	3.48E-08	2.32E-08	1.02E-08	6.14E-07
369	561448.76	4192086.44	3.74E-07	2.64E-07	4.46E-08	4.48E-08	4.46E-08	3.31E-08	2.01E-08	8.25E-07	2.67E-07	2.05E-07	3.46E-08	3.47E-08	3.46E-08	2.31E-08	1.01E-08	6.10E-07
370	561456.54	4192092.2	3.72E-07	2.62E-07	4.44E-08	4.45E-08	4.44E-08	3.29E-08	2.00E-08	8.21E-07	2.66E-07	2.04E-07	3.44E-08	3.45E-08	3.44E-08	2.30E-08	1.01E-08	6.07E-07
371	561464.31	4192097.97	3.71E-07	2.61E-07	4.42E-08	4.44E-08	4.42E-08	3.28E-08	1.99E-08	8.18E-07	2.65E-07	2.04E-07	3.43E-08	3.44E-08	3.43E-08	2.29E-08	1.00E-08	6.05E-07
372	561482.51	4192128.68	3.91E-07	2.76E-07	4.67E-08	4.68E-08	4.67E-08	3.46E-08	2.10E-08	8.62E-07	2.80E-07	2.15E-07	3.62E-08	3.63E-08	3.62E-08	2.41E-08	1.06E-08	6.38E-07
373	561483.83	4192138.26	4.02E-07	2.84E-07	4.80E-08	4.81E-08	4.80E-08	3.56E-08	2.16E-08	8.87E-07	2.88E-07	2.21E-07	3.72E-08	3.73E-08	3.72E-08	2.48E-08	1.09E-08	6.56E-07
374	561485.16	4192147.45	4.14E-07	2.92E-07	4.94E-08	4.95E-08	4.94E-08	3.66E-08	2.22E-08	9.12E-07	2.96E-07	2.27E-07	3.83E-08	3.84E-08	3.83E-08	2.55E-08	1.12E-08	6.75E-07
375	561486.48	4192157.44	4.25E-07	2.99E-07	5.07E-08	5.08E-08	5.07E-08	3.76E-08	2.28E-08	9.37E-07	3.04E-07	2.33E-07	3.93E-08	3.94E-08	3.93E-08	2.62E-08	1.15E-08	6.93E-07
376	561487.81	4192167.02	4.36E-07	3.07E-07	5.20E-08	5.22E-08	5.20E-08	3.86E-08	2.34E-08	9.62E-07	3.12E-07	2.39E-07	4.03E-08	4.05E-08	4.03E-08	2.69E-08	1.18E-08	7.11E-07
377	561489.14	4192176.61	4.47E-07	3.15E-07	5.34E-08	5.35E-08	5.34E-08	3.96E-08	2.40E-08	9.86E-07	3.20E-07	2.46E-07	4.14E-08	4.15E-08	4.14E-08	2.76E-08	1.21E-08	7.29E-07
378	561493.12	4192205.37	4.75E-07	3.35E-07	5.67E-08	5.68E-08	5.67E-08	4.20E-08	2.55E-08	1.05E-06	3.40E-07	2.61E-07	4.40E-08	4.41E-08	4.40E-08	2.93E-08	1.28E-08	7.75E-07
379	561494.44	4192214.96	4.83E-07	3.40E-07	5.76E-08	5.77E-08	5.76E-08	4.27E-08	2.59E-08	1.06E-06	3.45E-07	2.65E-07	4.46E-08	4.48E-08	4.46E-08	2.98E-08	1.30E-08	7.87E-07
380	561495.77	4192224.54	4.89E-07	3.45E-07	5.83E-08	5.85E-08	5.83E-08	4.33E-08	2.62E-08	1.08E-06	3.50E-07	2.68E-07	4.52E-08	4.54E-08	4.52E-08	3.02E-08	1.32E-08	7.97E-07
381	561497.09	4192234.13	4.94E-07	3.48E-07	5.90E-08	5.91E-08	5.90E-08	4.37E-08	2.65E-08	1.09E-06	3.53E-07	2.71E-07	4.57E-08	4.58E-08	4.57E-08	3.05E-08	1.33E-08	8.06E-07
382	561498.42	4192243.72	4.98E-07	3.51E-07	5.94E-08	5.96E-08	5.94E-08	4.41E-08	2.67E-08	1.10E-06	3.56E-07	2.74E-07	4.61E-08	4.62E-08	4.61E-08	3.07E-08	1.35E-08	8.12E-07
383	561499.75	4192253.3	5.01E-07	3.53E-07	5.98E-08	5.99E-08	5.98E-08	4.43E-08	2.69E-08	1.10E-06	3.58E-07	2.75E-07	4.64E-08	4.65E-08	4.64E-08	3.09E-08	1.35E-08	8.17E-07
384	561501.07	4192262.89	5.03E-07	3.54E-07	6.00E-08	6.01E-08	6.00E-08	4.45E-08	2.70E-08	1.11E-06	3.59E-07	2.76E-07	4.65E-08	4.66E-08	4.65E-08	3.10E-08	1.36E-08	8.20E-07
385	561502.4	4192272.48	5.03E-07	3.55E-07	6.00E-08	6.02E-08	6.00E-08	4.45E-08	2.70E-08	1.11E-06	3.60E-07	2.76E-07	4.66E-08	4.67E-08	4.66E-08	3.10E-08	1.36E-08	8.21E-07
386	561503.73	4192282.06	5.03E-07	3.54E-07	6.00E-08	6.02E-08	6.00E-08	4.45E-08	2.70E-08	1.11E-06	3.60E-07	2.76E-07	4.65E-08	4.67E-08	4.65E-08	3.10E-08	1.36E-08	8.20E-07
387	561505.05	4192291.65	5.02E-07	3.54E-07	5.99E-08	6.01E-08	5.99E-08	4.44E-08	2.69E-08	1.11E-06	3.59E-07	2.76E-07	4.65E-08	4.66E-08	4.65E-08	3.10E-08	1.36E-08	8.19E-07
388	561506.38	4192301.24	5.00E-07	3.53E-07	5.97E-08	5.99E-08	5.97E-08	4.43E-08	2.68E-08	1.10E-06	3.58E-07	2.75E-07	4.63E-08	4.64E-08	4.63E-08	3.09E-08	1.35E-08	8.16E-07
389	561507.71	4192310.83	4.98E-07	3.51E-07	5.94E-08	5.96E-08	5.94E-08	4.41E-08	2.67E-08	1.10E-06	3.56E-07	2.74E-07	4.61E-08	4.62E-08	4.61E-08	3.07E-08	1.35E-08	8.12E-07
390	561509.03	4192320.41	4.95E-07	3.49E-07	5.91E-08	5.93E-08	5.91E-08	4.38E-08	2.66E-08	1.09E-06	3.54E-07	2.72E-07	4.58E-08	4.59E-08	4.58E-08	3.06E-08	1.34E-08	8.08E-07
391	561411.35	4192047.2	3.81E-07	2.69E-07	4.55E-08	4.56E-08	4.55E-08	3.37E-08	2.04E-08	8.40E-07	2.72E-07	2.09E-07	3.53E-08	3.54E-08	3.53E-08	2.35E-08	1.03E-08	6.21E-07
392	561419.06	4192052.92	3.75E-07	2.64E-07	4.48E-08	4.49E-08	4.48E-08	3.32E-08	2.01E-08	8.27E-07	2.68E-07	2.06E-07	3.47E-08	3.48E-08	3.47E-08	2.31E-08	1.01E-08	6.12E-07
393	561426.77	4192058.64	3.70E-07	2.61E-07	4.42E-08	4.43E-08	4.42E-08	3.28E-08	1.99E-08	8.17E-07	2.65E-07	2.03E-07	3.43E-08	3.44E-08	3.43E-08	2.28E-08	1.00E-08	6.04E-07
394	561434.48	4192064.36	3.66E-07	2.58E-07	4.37E-08	4.38E-08	4.37E-08	3.24E-08	1.96E-08	8.08E-07	2.62E-07	2.01E-07	3.39E-08	3.40E-08	3.39E-08	2.26E-08	9.99E-09	5.97E-07
395	561442.19	4192070.08	3.63E-07	2.56E-07	4.33E-08	4.34E-08	4.33E-08	3.21E-08	1.95E-08	8.00E-07	2.59E-07	1.99E-07	3.36E-08	3.37E-08	3.36E-08	2.24E-08	9.80E-09	5.92E-07
396	561449.9	4192075.8	3.60E-07	2.54E-07	4.30E-08	4.31E-08	4.30E-08	3.19E-08	1.93E-08	7.94E-07	2.58E-07	1.98E-07	3.33E-08	3.34E-08	3.33E-08	2.22E-08	9.73E-09	5.87E-07
397	561457.61	4192081.52	3.58E-07	2.52E-07	4.27E-08	4.29E-08	4.27E-08	3.17E-08	1.92E-08	7.90E-07	2.56E-07	1.97E-07	3.31E-08	3.32E-08	3.31E-08	2.21E-08	9.67E-09	5.84E-07
398	561465.32	4192087.24	3.57E-07	2.51E-07	4.26E-08	4.27E-08	4.26E-08	3.16E-08	1.91E-08	7.87E-07	2.55E-07	1.96E-07	3.30E-08	3.31E-08	3.30E-08	2.20E-08	9.63E-09	5.82E-07
399	561473.04	4192092.96	3.56E-07	2.51E-07	4.24E-08	4.25E-08	4.24E-08	3.15E-08	1.91E-08	7.84E-07	2.54E-07	1.95E-07	3.29E-08	3.30E-08	3.29E-08	2.19E-08	9.60E-09	5.80E-07
400	561489.77	4192113.91	3.64E-07	2.57E-07	4.35E-08	4.36E-08	4.35E-08	3.22E-08	1.95E-08	8.03E-07	2.60E-07	2.00E-07	3.37E-08	3.38E-08	3.37E-08	2.25E-08	9.84E-09	5.94E-07
401	561491.09	4192123.42	3.75E-07	2.64E-07	4.47E-08	4.48E-08	4.47E-08	3.32E-08	2.01E-08	8.27E-07	2.68E-07	2.06E-07	3.47E-08	3.48E-08	3.47E-08	2.31E-08	1.01E-08	6.11E-07
402	561492.4	4192132.93	3.86E-07	2.72E-07	4.60E-08	4.61E-08	4.60E-08	3.41E-08	2.07E-08	8.50E-07	2.76E-07	2.12E-07	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	6.29E-07
403	561493.72	4192142.44	3.96E-07	2.79E-07	4.73E-08	4.74E-08	4.73E-08	3.51E-08	2.13E-08	8.74E-07	2.83E-07	2.18E-07	3.67E-08	3.68E-08	3.67E-08	2.45E-08	1.07E-08	6.46E-07
404	561495.03	4192151.95	4.07E-07	2.87E-07	4.86E-08	4.87E-08	4.86E-08	3.60E-08	2.18E-08	8.98E-07	2.91E-07	2.24E-07	3.77E-08	3.78E-08	3.77E-08	2.51E-08	1.10E-08	6.64E-07
405	561496.35	4192161.46	4.18E-07	2.94E-07	4.98E-08	5.00E-08	4.98E-08	3.70E-08	2.24E-08	9.21E-07	2.99E-07	2.29E-07	3.86E-08	3.88E-08	3.86E-08	2.58E-08	1.13E-08	6.81E-07
406	561497.67	4192170.97	4.28E-07	3.02E-07	5.11E-08	5.12E-08	5.11E-08	3.79E-08	2.30E-08	9.44E-07	3.06E-07	2.35E-07	3.96E-08	3.97E-08	3.96E-08	2.64E-08	1.16E-08	6.98E-07
407	561498.98	4192180.48	4.38E-07	3.09E-07	5.23E-08	5.24E-08	5.23E-08	3.88E-08	2.35E-08	9.66E-07	3.13E-07	2.41E-07	4.05E-08	4.06E-08	4.05E-08	2.70E-08	1.18E-08	7.14E-07
408	561502.93	4192209.02	4.63E-07	3.26E-07	5.52E-08	5.54E-08	5.52E-08	4.10E-08	2.48E-08	1.02E-06	3.31E-07	2.54E-07	4.28E-08	4.29E-08	4.28E-08	2.85E-08	1.25E-08	7.55E-07
409	561504.24	4192218.53	4.69E-07	3.31E-07	5.60E-08	5.62E-08	5.60E-08	4.15E-08	2.52E-08	1.03E-06	3.36E-07	2.58E-07	4.34E-08	4.35E-08	4.34E-08	2.90E-08	1.27E-08	7.65E-07
410	561505.56	4192228.04	4.75E-07	3.35E-07	5.66E-08	5.68E-08	5.66E-08	4.20E-08	2.55E-08	1.05E-06	3.39E-07	2.61E-07	4.39E-08	4.40E-08	4.39E-08	2.93E-08	1.28E-08	7.74E-07
411	561506.88	4192237.55	4.79E-07	3.38E-07	5.72E-08	5.73E-08	5.72E-08	4.24E-08	2.57E-08	1.06E-06	3.43E-07	2.63E-07	4.43E-08	4.45E-08	4.43E-08	2.96E-08	1.29E-08	7.81E-07
412	561508.19	4192247.06	4.82E-07	3.40E-07	5.76E-08	5.77E-08	5.76E-08	4.27E-08	2.59E-08	1.06E-06	3.45E-07	2.65E-07	4.46E-08	4.48E-08	4.46E-08	2.98E-08	1.30E-08	7.87E-07
413	561509.51	4192256.57	4.84E-07	3.41E-07	5.78E-08	5.80E-08	5.78E-08	4.29E-08	2.60E-08	1.07E-06	3.46E-07	2.66E-07	4.48E-08	4.49E-08	4.48E-08	2.99E-08	1.31E-08	7.90E-07
414	561510.82	4192266.08	4.85E-07	3.42E-07	5.79E-08	5.81E-08	5.79E-08	4.30E-08	2.60E-08	1.07E-06	3.47E-07	2.67E-07</						

457	560994.74	4191953.31	1.03E-06	7.23E-07	1.22E-07	1.23E-07	1.22E-07	9.08E-08	5.50E-08	2.26E-06	7.34E-07	5.63E-07	9.49E-08	9.52E-08	9.49E-08	6.33E-08	2.77E-08	1.67E-06
458	561004.14	4191952.93	1.03E-06	7.27E-07	1.23E-07	1.23E-07	1.23E-07	9.13E-08	5.54E-08	2.28E-06	7.38E-07	5.67E-07	9.55E-08	9.57E-08	9.55E-08	6.37E-08	2.79E-08	1.68E-06
459	561013.54	4191952.55	1.04E-06	7.31E-07	1.24E-07	1.24E-07	1.24E-07	9.17E-08	5.56E-08	2.29E-06	7.41E-07	5.69E-07	9.59E-08	9.62E-08	9.59E-08	6.39E-08	2.80E-08	1.69E-06
460	560957.26	4191956.15	9.90E-07	6.98E-07	1.18E-07	1.18E-07	1.18E-07	8.76E-08	5.31E-08	2.18E-06	7.08E-07	5.44E-07	9.16E-08	9.19E-08	9.16E-08	6.11E-08	2.67E-08	1.62E-06
461	560963.4	4191944.95	9.60E-07	6.76E-07	1.15E-07	1.15E-07	1.15E-07	8.49E-08	5.15E-08	2.12E-06	6.86E-07	5.27E-07	8.88E-08	8.90E-08	8.88E-08	5.92E-08	2.59E-08	1.57E-06
462	560972.85	4191944.57	9.70E-07	6.84E-07	1.16E-07	1.16E-07	1.16E-07	8.58E-08	5.20E-08	2.14E-06	6.94E-07	5.33E-07	8.97E-08	9.00E-08	8.97E-08	5.98E-08	2.62E-08	1.58E-06
463	560982.3	4191944.19	9.79E-07	6.90E-07	1.17E-07	1.17E-07	1.17E-07	8.66E-08	5.25E-08	2.16E-06	7.00E-07	5.38E-07	9.06E-08	9.08E-08	9.06E-08	6.04E-08	2.64E-08	1.60E-06
464	560991.76	4191943.81	9.86E-07	6.95E-07	1.18E-07	1.18E-07	1.18E-07	8.73E-08	5.29E-08	2.18E-06	7.05E-07	5.42E-07	9.13E-08	9.15E-08	9.13E-08	6.08E-08	2.66E-08	1.61E-06
465	561001.21	4191943.43	9.92E-07	6.99E-07	1.18E-07	1.19E-07	1.18E-07	8.78E-08	5.32E-08	2.19E-06	7.10E-07	5.45E-07	9.18E-08	9.21E-08	9.18E-08	6.12E-08	2.68E-08	1.62E-06
466	561010.66	4191943.05	9.96E-07	7.02E-07	1.19E-07	1.19E-07	1.19E-07	8.82E-08	5.35E-08	2.20E-06	7.13E-07	5.47E-07	9.22E-08	9.25E-08	9.22E-08	6.15E-08	2.69E-08	1.63E-06
467	561020.11	4191942.67	9.99E-07	7.04E-07	1.19E-07	1.20E-07	1.19E-07	8.84E-08	5.36E-08	2.20E-06	7.14E-07	5.49E-07	9.24E-08	9.27E-08	9.24E-08	6.16E-08	2.70E-08	1.63E-06
468	560954.1	4191946.66	9.53E-07	6.72E-07	1.14E-07	1.14E-07	1.14E-07	8.43E-08	5.11E-08	2.10E-06	6.81E-07	5.23E-07	8.82E-08	8.84E-08	8.82E-08	5.88E-08	2.57E-08	1.55E-06
469	560960.27	4191935.46	9.24E-07	6.51E-07	1.10E-07	1.11E-07	1.10E-07	8.18E-08	4.96E-08	2.04E-06	6.61E-07	5.08E-07	8.55E-08	8.57E-08	8.55E-08	5.70E-08	2.50E-08	1.51E-06
470	560969.77	4191935.08	9.34E-07	6.58E-07	1.11E-07	1.12E-07	1.11E-07	8.26E-08	5.01E-08	2.06E-06	6.68E-07	5.13E-07	8.64E-08	8.66E-08	8.64E-08	5.76E-08	2.52E-08	1.52E-06
471	560979.26	4191934.7	9.42E-07	6.64E-07	1.12E-07	1.13E-07	1.12E-07	8.34E-08	5.05E-08	2.08E-06	6.74E-07	5.18E-07	8.72E-08	8.74E-08	8.72E-08	5.81E-08	2.54E-08	1.54E-06
472	560988.76	4191934.32	9.49E-07	6.69E-07	1.13E-07	1.14E-07	1.13E-07	8.40E-08	5.09E-08	2.09E-06	6.79E-07	5.21E-07	8.78E-08	8.81E-08	8.78E-08	5.86E-08	2.56E-08	1.55E-06
473	560998.26	4191933.94	9.55E-07	6.73E-07	1.14E-07	1.14E-07	1.14E-07	8.45E-08	5.12E-08	2.11E-06	6.83E-07	5.25E-07	8.84E-08	8.86E-08	8.84E-08	5.89E-08	2.58E-08	1.56E-06
474	561007.76	4191933.55	9.59E-07	6.76E-07	1.14E-07	1.15E-07	1.14E-07	8.49E-08	5.15E-08	2.12E-06	6.86E-07	5.27E-07	8.87E-08	8.90E-08	8.87E-08	5.92E-08	2.59E-08	1.56E-06
475	561017.26	4191933.17	9.62E-07	6.78E-07	1.15E-07	1.15E-07	1.15E-07	8.51E-08	5.16E-08	2.12E-06	6.88E-07	5.28E-07	8.90E-08	8.92E-08	8.90E-08	5.93E-08	2.60E-08	1.57E-06
476	560950.95	4191937.17	9.17E-07	6.47E-07	1.09E-07	1.10E-07	1.09E-07	8.12E-08	4.92E-08	2.02E-06	6.56E-07	5.04E-07	8.49E-08	8.51E-08	8.49E-08	5.66E-08	2.48E-08	1.50E-06
477	560957.13	4191925.97	8.91E-07	6.28E-07	1.06E-07	1.07E-07	1.06E-07	7.88E-08	4.78E-08	1.96E-06	6.37E-07	4.89E-07	8.24E-08	8.26E-08	8.24E-08	5.49E-08	2.41E-08	1.45E-06
478	560966.68	4191925.59	9.00E-07	6.34E-07	1.07E-07	1.08E-07	1.07E-07	7.96E-08	4.83E-08	1.98E-06	6.43E-07	4.94E-07	8.33E-08	8.35E-08	8.33E-08	5.55E-08	2.43E-08	1.47E-06
479	560976.22	4191925.21	9.08E-07	6.40E-07	1.08E-07	1.09E-07	1.08E-07	8.03E-08	4.87E-08	2.00E-06	6.49E-07	4.99E-07	8.40E-08	8.42E-08	8.40E-08	5.60E-08	2.45E-08	1.48E-06
480	560985.76	4191924.82	9.15E-07	6.45E-07	1.09E-07	1.09E-07	1.09E-07	8.09E-08	4.91E-08	2.02E-06	6.54E-07	5.02E-07	8.46E-08	8.49E-08	8.46E-08	5.64E-08	2.47E-08	1.49E-06
481	560995.3	4191924.44	9.20E-07	6.49E-07	1.10E-07	1.10E-07	1.10E-07	8.14E-08	4.94E-08	2.03E-06	6.58E-07	5.05E-07	8.51E-08	8.54E-08	8.51E-08	5.68E-08	2.49E-08	1.50E-06
482	561004.85	4191924.06	9.24E-07	6.51E-07	1.10E-07	1.11E-07	1.10E-07	8.18E-08	4.96E-08	2.04E-06	6.61E-07	5.08E-07	8.55E-08	8.57E-08	8.55E-08	5.70E-08	2.50E-08	1.51E-06
483	561014.39	4191923.67	9.27E-07	6.53E-07	1.11E-07	1.11E-07	1.11E-07	8.20E-08	4.97E-08	2.04E-06	6.63E-07	5.09E-07	8.57E-08	8.60E-08	8.57E-08	5.72E-08	2.50E-08	1.51E-06
484	561023.93	4191923.29	9.27E-07	6.54E-07	1.11E-07	1.11E-07	1.11E-07	8.21E-08	4.98E-08	2.05E-06	6.63E-07	5.09E-07	8.58E-08	8.61E-08	8.58E-08	5.72E-08	2.51E-08	1.51E-06
485	560947.79	4191927.68	8.84E-07	6.23E-07	1.06E-07	1.06E-07	1.06E-07	7.83E-08	4.74E-08	1.95E-06	6.32E-07	4.86E-07	8.18E-08	8.21E-08	8.18E-08	5.46E-08	2.39E-08	1.44E-06
486	560941.54	4192192.34	2.81E-06	1.98E-06	3.35E-07	3.36E-07	3.35E-07	2.49E-07	1.51E-07	6.19E-06	2.20E-06	1.54E-06	2.60E-07	2.61E-07	2.60E-07	1.73E-07	7.59E-08	4.58E-06
487	560936.25	4192207.6	2.93E-06	2.06E-06	3.49E-07	3.50E-07	3.49E-07	2.59E-07	1.57E-07	6.45E-06	2.09E-06	1.61E-06	2.71E-07	2.71E-07	2.71E-07	1.80E-07	7.90E-08	4.77E-06
488	560932.95	4192223.59	3.07E-06	2.16E-06	3.66E-07	3.67E-07	3.66E-07	2.71E-07	1.65E-07	6.76E-06	2.19E-06	1.68E-06	2.84E-07	2.85E-07	2.84E-07	1.89E-07	8.28E-08	5.00E-06
489	560931.59	4192190.65	2.63E-06	1.85E-06	3.13E-07	3.14E-07	3.13E-07	2.32E-07	1.41E-07	5.79E-06	1.88E-06	1.44E-06	2.43E-07	2.44E-07	2.43E-07	1.62E-07	7.09E-08	4.28E-06
490	560938.54	4192176.79	2.54E-06	1.79E-06	3.04E-07	3.04E-07	3.04E-07	2.25E-07	1.36E-07	5.61E-06	1.82E-06	1.40E-06	2.35E-07	2.36E-07	2.35E-07	1.57E-07	6.87E-08	4.15E-06
491	560945.5	4192162.92	2.45E-06	1.73E-06	2.92E-07	2.93E-07	2.92E-07	2.17E-07	1.31E-07	5.40E-06	1.75E-06	1.34E-06	2.26E-07	2.27E-07	2.26E-07	1.51E-07	6.61E-08	3.99E-06
492	560952.46	4192149.35	2.34E-06	1.65E-06	2.79E-07	2.80E-07	2.79E-07	2.07E-07	1.26E-07	5.16E-06	1.67E-06	1.29E-06	2.17E-07	2.17E-07	2.17E-07	1.44E-07	6.32E-08	3.82E-06
493	560926.46	4192205.58	2.73E-06	1.92E-06	3.25E-07	3.26E-07	3.25E-07	2.41E-07	1.46E-07	6.02E-06	1.95E-06	1.50E-06	2.52E-07	2.53E-07	2.52E-07	1.68E-07	7.37E-08	4.45E-06
494	560923.16	4192221.57	2.85E-06	2.01E-06	3.40E-07	3.41E-07	3.40E-07	2.52E-07	1.53E-07	6.29E-06	2.04E-06	1.57E-06	2.64E-07	2.65E-07	2.64E-07	1.76E-07	7.70E-08	4.65E-06
495	560921.66	4192188.89	2.46E-06	1.74E-06	2.94E-07	2.95E-07	2.94E-07	2.18E-07	1.32E-07	5.44E-06	1.76E-06	1.35E-06	2.28E-07	2.29E-07	2.28E-07	1.52E-07	6.66E-08	4.02E-06
496	560928.36	4192175.53	2.40E-06	1.69E-06	2.86E-07	2.87E-07	2.86E-07	2.12E-07	1.29E-07	5.28E-06	1.71E-06	1.32E-06	2.22E-07	2.22E-07	2.22E-07	1.48E-07	6.47E-08	3.91E-06
497	560935.06	4192162.18	2.31E-06	1.63E-06	2.76E-07	2.77E-07	2.76E-07	2.05E-07	1.24E-07	5.10E-06	1.65E-06	1.27E-06	2.14E-07	2.15E-07	2.14E-07	1.43E-07	6.25E-08	3.77E-06
498	560941.76	4192148.83	2.23E-06	1.57E-06	2.66E-07	2.66E-07	2.66E-07	1.97E-07	1.19E-07	4.91E-06	1.59E-06	1.22E-06	2.06E-07	2.07E-07	2.06E-07	1.37E-07	6.01E-08	3.63E-06
499	560954.7	4192131.37	2.14E-06	1.51E-06	2.55E-07	2.56E-07	2.55E-07	1.89E-07	1.15E-07	4.72E-06	1.53E-06	1.18E-06	1.98E-07	1.99E-07	1.98E-07	1.32E-07	5.78E-08	3.49E-06
500	560916.66	4192203.56	2.55E-06	1.80E-06	3.05E-07	3.05E-07	3.05E-07	2.26E-07	1.37E-07	5.63E-06	1.83E-06	1.40E-06	2.36E-07	2.37E-07	2.36E-07	1.57E-07	6.89E-08	4.16E-06
501	560913.66	4192219.55	2.66E-06	1.88E-06	3.17E-07	3.18E-07	3.17E-07	2.35E-07	1.43E-07	5.87E-06	1.90E-06	1.46E-06	2.46E-07	2.47E-07	2.46E-07	1.64E-07	7.19E-08	4.34E-06
502	560912.13	4192186.35	2.32E-06	1.63E-06	2.76E-07	2.77E-07	2.76E-07	2.05E-07	1.24E-07	5.11E-06	1.66E-06	1.27E-06	2.14E-07	2.15E-07	2.14E-07	1.43E-07	6.26E-08	3.78E-06
503	560919.34	4192171.97	2.25E-06	1.59E-06	2.69E-07	2.69E-07	2.69E-07	1.99E-07	1.21E-07	4.96E-06	1.61E-06	1.24E-06	2.08E-07	2.09E-07	2.08E-07	1.39E-07	6.08E-08	3.67E-06
504	560926.56	4192157.59	2.17E-06	1.53E-06	2.59E-07	2.60E-07	2.59E-07	1.92E-07	1.16E-07	4.78E-06	1.55E-06	1.19E-06	2.01E-07	2.01E-07	2.01E-07	1.34E-07	5.86E-08	3.54E-06
505	560933.77	4192143.21	2.09E-06	1.47E-06	2.49E-07	2.50E-07	2.49E-07	1.85E-07	1.12E-07	4.60E-06	1.49E-06	1.15E-06	1.93E-07	1.94E-07	1.93E-07	1.29E-07	5.63E-08	3.40E-06
506	560947.71	4192124.41	2.00E-06	1.41E-06	2.39E-07	2.40E-07	2.39E-07	1.77E-07	1.08E-07	4.42E-06	1.43E-06	1.10E-0						

549	560917.57	4192097.99	1.58E-06	1.11E-06	1.88E-07	1.89E-07	1.88E-07	1.40E-07	8.47E-08	3.48E-06	1.13E-06	8.67E-07	1.46E-07	1.46E-07	1.46E-07	9.74E-08	4.26E-08	2.57E-06
550	560930.52	4192089.45	1.59E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.41E-07	8.52E-08	3.50E-06	1.14E-06	8.72E-07	1.47E-07	1.47E-07	1.47E-07	9.80E-08	4.29E-08	2.59E-06
551	560943.48	4192080.92	1.59E-06	1.12E-06	1.90E-07	1.91E-07	1.90E-07	1.41E-07	8.55E-08	3.51E-06	1.14E-06	8.75E-07	1.47E-07	1.48E-07	1.47E-07	9.83E-08	4.30E-08	2.60E-06
552	560956.43	4192072.38	1.59E-06	1.12E-06	1.90E-07	1.91E-07	1.90E-07	1.41E-07	8.54E-08	3.51E-06	1.14E-06	8.75E-07	1.47E-07	1.48E-07	1.47E-07	9.83E-08	4.30E-08	2.60E-06
553	560969.39	4192063.84	1.59E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.40E-07	8.50E-08	3.50E-06	1.13E-06	8.71E-07	1.47E-07	1.47E-07	1.47E-07	9.78E-08	4.28E-08	2.59E-06
554	560867.7	4192193.45	1.89E-06	1.33E-06	2.25E-07	2.26E-07	2.25E-07	1.67E-07	1.01E-07	4.16E-06	1.35E-06	1.04E-06	1.75E-07	1.75E-07	1.75E-07	1.16E-07	5.10E-08	3.08E-06
555	560864.4	4192209.44	1.95E-06	1.37E-06	2.32E-07	2.33E-07	2.32E-07	1.72E-07	1.04E-07	4.29E-06	1.39E-06	1.07E-06	1.80E-07	1.81E-07	1.80E-07	1.20E-07	5.26E-08	3.18E-06
556	560862.94	4192176.68	1.75E-06	1.23E-06	2.09E-07	2.09E-07	2.09E-07	1.55E-07	9.37E-08	3.85E-06	1.25E-06	9.60E-07	1.62E-07	1.62E-07	1.62E-07	1.08E-07	4.72E-08	2.85E-06
557	560869.72	4192163.17	1.72E-06	1.21E-06	2.05E-07	2.06E-07	2.05E-07	1.52E-07	9.23E-08	3.80E-06	1.23E-06	9.45E-07	1.59E-07	1.60E-07	1.59E-07	1.06E-07	4.65E-08	2.81E-06
558	560876.5	4192149.66	1.68E-06	1.19E-06	2.01E-07	2.01E-07	2.01E-07	1.49E-07	9.03E-08	3.71E-06	1.20E-06	9.24E-07	1.56E-07	1.56E-07	1.56E-07	1.04E-07	4.55E-08	2.74E-06
559	560883.28	4192136.15	1.64E-06	1.15E-06	1.95E-07	1.96E-07	1.95E-07	1.45E-07	8.79E-08	3.61E-06	1.17E-06	9.00E-07	1.52E-07	1.52E-07	1.52E-07	1.01E-07	4.42E-08	2.67E-06
560	560890.06	4192122.64	1.59E-06	1.12E-06	1.90E-07	1.90E-07	1.90E-07	1.41E-07	8.52E-08	3.50E-06	1.14E-06	8.73E-07	1.47E-07	1.47E-07	1.47E-07	9.80E-08	4.29E-08	2.59E-06
561	560896.84	4192109.13	1.54E-06	1.08E-06	1.84E-07	1.84E-07	1.84E-07	1.36E-07	8.26E-08	3.39E-06	1.10E-06	8.45E-07	1.42E-07	1.43E-07	1.42E-07	9.49E-08	4.16E-08	2.51E-06
562	560909.93	4192091.46	1.49E-06	1.05E-06	1.78E-07	1.79E-07	1.78E-07	1.32E-07	8.02E-08	3.30E-06	1.07E-06	8.21E-07	1.38E-07	1.39E-07	1.38E-07	9.22E-08	4.04E-08	2.44E-06
563	560922.55	4192083.14	1.50E-06	1.06E-06	1.79E-07	1.80E-07	1.79E-07	1.33E-07	8.07E-08	3.32E-06	1.08E-06	8.26E-07	1.39E-07	1.40E-07	1.39E-07	9.28E-08	4.06E-08	2.45E-06
564	560935.17	4192074.82	1.51E-06	1.06E-06	1.80E-07	1.81E-07	1.80E-07	1.34E-07	8.10E-08	3.33E-06	1.08E-06	8.29E-07	1.40E-07	1.40E-07	1.40E-07	9.32E-08	4.08E-08	2.46E-06
565	560947.8	4192066.5	1.51E-06	1.07E-06	1.80E-07	1.81E-07	1.80E-07	1.34E-07	8.11E-08	3.33E-06	1.08E-06	8.30E-07	1.40E-07	1.40E-07	1.40E-07	9.33E-08	4.08E-08	2.47E-06
566	560960.42	4192058.19	1.51E-06	1.06E-06	1.80E-07	1.80E-07	1.80E-07	1.33E-07	8.09E-08	3.33E-06	1.08E-06	8.28E-07	1.40E-07	1.40E-07	1.40E-07	9.30E-08	4.07E-08	2.46E-06
567	560970.34	4192049.87	1.50E-06	1.06E-06	1.79E-07	1.79E-07	1.79E-07	1.33E-07	8.03E-08	3.30E-06	1.07E-06	8.22E-07	1.39E-07	1.39E-07	1.39E-07	9.24E-08	4.04E-08	2.44E-06
568	560857.9	4192191.43	1.79E-06	1.26E-06	2.13E-07	2.14E-07	2.13E-07	1.58E-07	9.60E-08	3.95E-06	1.28E-06	9.83E-07	1.66E-07	1.66E-07	1.66E-07	1.10E-07	4.83E-08	2.92E-06
569	560854.6	4192207.42	1.84E-06	1.30E-06	2.20E-07	2.20E-07	2.20E-07	1.63E-07	9.88E-08	4.06E-06	1.32E-06	1.01E-06	1.70E-07	1.71E-07	1.70E-07	1.14E-07	4.98E-08	3.01E-06
570	560853.33	4192174.3	1.66E-06	1.17E-06	1.98E-07	1.99E-07	1.98E-07	1.47E-07	8.91E-08	3.66E-06	1.19E-06	9.12E-07	1.54E-07	1.54E-07	1.54E-07	1.02E-07	4.49E-08	2.71E-06
571	560860.46	4192160.08	1.64E-06	1.15E-06	1.95E-07	1.96E-07	1.95E-07	1.45E-07	8.77E-08	3.61E-06	1.17E-06	8.98E-07	1.51E-07	1.52E-07	1.51E-07	1.01E-07	4.42E-08	2.67E-06
572	560867.6	4192145.86	1.60E-06	1.13E-06	1.91E-07	1.91E-07	1.91E-07	1.41E-07	8.58E-08	3.53E-06	1.14E-06	8.78E-07	1.48E-07	1.48E-07	1.48E-07	9.86E-08	4.32E-08	2.61E-06
573	560874.74	4192131.64	1.56E-06	1.10E-06	1.86E-07	1.86E-07	1.86E-07	1.38E-07	8.35E-08	3.43E-06	1.11E-06	8.55E-07	1.44E-07	1.44E-07	1.44E-07	9.60E-08	4.20E-08	2.54E-06
574	560881.87	4192117.42	1.51E-06	1.06E-06	1.80E-07	1.81E-07	1.80E-07	1.34E-07	8.09E-08	3.33E-06	1.08E-06	8.29E-07	1.40E-07	1.40E-07	1.40E-07	9.31E-08	4.08E-08	2.46E-06
575	560889.01	4192103.19	1.46E-06	1.03E-06	1.74E-07	1.75E-07	1.74E-07	1.29E-07	7.84E-08	3.22E-06	1.04E-06	8.02E-07	1.35E-07	1.36E-07	1.35E-07	9.01E-08	3.95E-08	2.38E-06
576	560902.79	4192084.59	1.42E-06	1.00E-06	1.69E-07	1.70E-07	1.69E-07	1.25E-07	7.61E-08	3.13E-06	1.01E-06	7.79E-07	1.31E-07	1.32E-07	1.31E-07	8.75E-08	3.83E-08	2.31E-06
577	560916.07	4192075.84	1.43E-06	1.01E-06	1.70E-07	1.71E-07	1.70E-07	1.26E-07	7.66E-08	3.15E-06	1.02E-06	7.84E-07	1.32E-07	1.32E-07	1.32E-07	8.81E-08	3.86E-08	2.33E-06
578	560929.36	4192067.08	1.43E-06	1.01E-06	1.71E-07	1.72E-07	1.71E-07	1.27E-07	7.69E-08	3.16E-06	1.03E-06	7.88E-07	1.33E-07	1.33E-07	1.33E-07	8.85E-08	3.87E-08	2.34E-06
579	560942.65	4192058.33	1.44E-06	1.01E-06	1.71E-07	1.72E-07	1.71E-07	1.27E-07	7.71E-08	3.17E-06	1.03E-06	7.89E-07	1.33E-07	1.33E-07	1.33E-07	8.86E-08	3.88E-08	2.34E-06
580	560955.94	4192049.57	1.43E-06	1.01E-06	1.71E-07	1.72E-07	1.71E-07	1.27E-07	7.69E-08	3.16E-06	1.03E-06	7.87E-07	1.33E-07	1.33E-07	1.33E-07	8.84E-08	3.87E-08	2.34E-06
581	560969.22	4192040.82	1.42E-06	1.00E-06	1.70E-07	1.70E-07	1.70E-07	1.26E-07	7.64E-08	3.14E-06	1.02E-06	7.82E-07	1.32E-07	1.32E-07	1.32E-07	8.78E-08	3.85E-08	2.32E-06
582	560848.11	4192189.41	1.70E-06	1.20E-06	2.03E-07	2.03E-07	2.03E-07	1.50E-07	9.11E-08	3.75E-06	1.21E-06	9.33E-07	1.57E-07	1.58E-07	1.57E-07	1.05E-07	4.59E-08	2.77E-06
583	560844.41	4192205.4	1.75E-06	1.23E-06	2.08E-07	2.09E-07	2.08E-07	1.55E-07	9.37E-08	3.85E-06	1.25E-06	9.60E-07	1.62E-07	1.62E-07	1.62E-07	1.08E-07	4.72E-08	2.85E-06
584	560843.82	4192172.46	1.58E-06	1.11E-06	1.89E-07	1.89E-07	1.89E-07	1.40E-07	8.48E-08	3.49E-06	1.13E-06	8.69E-07	1.46E-07	1.47E-07	1.46E-07	9.76E-08	4.27E-08	2.58E-06
585	560850.4	4192158.59	1.56E-06	1.10E-06	1.86E-07	1.87E-07	1.86E-07	1.38E-07	8.37E-08	3.44E-06	1.12E-06	8.57E-07	1.44E-07	1.45E-07	1.44E-07	9.62E-08	4.21E-08	2.54E-06
586	560857.36	4192144.73	1.53E-06	1.08E-06	1.82E-07	1.83E-07	1.82E-07	1.35E-07	8.20E-08	3.37E-06	1.09E-06	8.39E-07	1.41E-07	1.42E-07	1.41E-07	9.43E-08	4.13E-08	2.49E-06
587	560864.32	4192130.86	1.49E-06	1.05E-06	1.78E-07	1.78E-07	1.78E-07	1.32E-07	8.00E-08	3.29E-06	1.07E-06	8.19E-07	1.38E-07	1.38E-07	1.38E-07	9.20E-08	4.03E-08	2.43E-06
588	560871.27	4192116.99	1.45E-06	1.02E-06	1.73E-07	1.73E-07	1.73E-07	1.28E-07	7.78E-08	3.20E-06	1.04E-06	7.96E-07	1.34E-07	1.34E-07	1.34E-07	8.94E-08	3.92E-08	2.36E-06
589	560878.23	4192103.13	1.41E-06	9.92E-07	1.68E-07	1.68E-07	1.68E-07	1.24E-07	7.55E-08	3.10E-06	1.01E-06	7.73E-07	1.30E-07	1.31E-07	1.30E-07	8.68E-08	3.80E-08	2.29E-06
590	560885.19	4192089.26	1.36E-06	9.61E-07	1.63E-07	1.63E-07	1.63E-07	1.21E-07	7.31E-08	3.01E-06	9.75E-07	7.49E-07	1.26E-07	1.26E-07	1.26E-07	8.41E-08	3.68E-08	2.22E-06
591	560895.15	4192078.06	1.35E-06	9.50E-07	1.61E-07	1.61E-07	1.61E-07	1.19E-07	7.23E-08	2.97E-06	9.64E-07	7.40E-07	1.25E-07	1.25E-07	1.25E-07	8.31E-08	3.64E-08	2.20E-06
592	560908.1	4192069.52	1.36E-06	9.56E-07	1.62E-07	1.62E-07	1.62E-07	1.20E-07	7.28E-08	2.99E-06	9.70E-07	7.45E-07	1.26E-07	1.26E-07	1.26E-07	8.37E-08	3.66E-08	2.21E-06
593	560921.06	4192060.99	1.36E-06	9.61E-07	1.63E-07	1.63E-07	1.63E-07	1.21E-07	7.32E-08	3.01E-06	9.75E-07	7.49E-07	1.26E-07	1.27E-07	1.26E-07	8.41E-08	3.68E-08	2.22E-06
594	560934.01	4192052.45	1.37E-06	9.64E-07	1.63E-07	1.64E-07	1.63E-07	1.21E-07	7.33E-08	3.02E-06	9.78E-07	7.51E-07	1.26E-07	1.27E-07	1.26E-07	8.43E-08	3.69E-08	2.23E-06
595	560946.92	4192043.91	1.37E-06	9.63E-07	1.63E-07	1.63E-07	1.63E-07	1.21E-07	7.33E-08	3.01E-06	9.77E-07	7.51E-07	1.26E-07	1.27E-07	1.26E-07	8.43E-08	3.69E-08	2.23E-06
596	560959.92	4192035.38	1.36E-06	9.59E-07	1.62E-07	1.63E-07	1.62E-07	1.20E-07	7.30E-08	3.00E-06	9.73E-07	7.47E-07	1.26E-07	1.26E-07	1.26E-07	8.39E-08	3.67E-08	2.22E-06
597	560838.31	4192187.39	1.62E-06	1.14E-06	1.93E-07	1.93E-07	1.93E-07	1.43E-07	8.67E-08	3.56E-06	1.16E-06	8.88E-07	1.50E-07	1.50E-07	1.50E-07	9.97E-08	4.36E-08	2.64E-06
598	560835.01	4192203.38	1.66E-06	1.17E-06	1.98E-07	1.99E-07	1.98E-07	1.47E-07	8.90E-08	3.66E-06	1.19E-06	9.12E-07						

641	560911.59	4192032.52	1.19E-06	8.37E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.37E-08	2.62E-06	8.49E-07	6.52E-07	1.10E-07	1.10E-07	1.10E-07	7.33E-08	3.21E-08	1.94E-06
642	560924.54	4192023.98	1.19E-06	8.39E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.38E-08	2.62E-06	8.51E-07	6.54E-07	1.10E-07	1.10E-07	1.10E-07	7.34E-08	3.21E-08	1.94E-06
643	560937.5	4192015.45	1.19E-06	8.38E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.38E-08	2.62E-06	8.51E-07	6.53E-07	1.10E-07	1.10E-07	1.10E-07	7.34E-08	3.21E-08	1.94E-06
644	560950.45	4192006.91	1.18E-06	8.35E-07	1.41E-07	1.42E-07	1.41E-07	1.05E-07	6.35E-08	2.61E-06	8.47E-07	6.51E-07	1.10E-07	1.10E-07	1.10E-07	7.31E-08	3.20E-08	1.93E-06
645	560808.93	4192181.33	1.40E-06	9.89E-07	1.67E-07	1.68E-07	1.67E-07	1.24E-07	7.53E-08	3.09E-06	1.00E-06	7.71E-07	1.30E-07	1.30E-07	1.30E-07	8.66E-08	3.79E-08	2.29E-06
646	560805.63	4192197.32	1.44E-06	1.01E-06	1.71E-07	1.72E-07	1.71E-07	1.27E-07	7.71E-08	3.17E-06	1.03E-06	7.89E-07	1.33E-07	1.33E-07	1.33E-07	8.87E-08	3.88E-08	2.34E-06
647	560804.41	4192164.09	1.32E-06	9.30E-07	1.57E-07	1.58E-07	1.57E-07	1.17E-07	7.07E-08	2.91E-06	9.43E-07	7.24E-07	1.22E-07	1.22E-07	1.22E-07	8.13E-08	3.56E-08	2.15E-06
648	560811.66	4192149.64	1.30E-06	9.17E-07	1.55E-07	1.56E-07	1.55E-07	1.15E-07	6.98E-08	2.87E-06	9.31E-07	7.15E-07	1.20E-07	1.21E-07	1.20E-07	8.03E-08	3.51E-08	2.12E-06
649	560818.91	4192135.2	1.28E-06	9.02E-07	1.53E-07	1.53E-07	1.53E-07	1.13E-07	6.86E-08	2.82E-06	9.15E-07	7.03E-07	1.18E-07	1.19E-07	1.18E-07	7.89E-08	3.45E-08	2.09E-06
650	560826.16	4192120.75	1.25E-06	8.83E-07	1.49E-07	1.50E-07	1.49E-07	1.11E-07	6.72E-08	2.76E-06	8.96E-07	6.88E-07	1.16E-07	1.16E-07	1.16E-07	7.73E-08	3.38E-08	2.04E-06
651	560833.41	4192106.31	1.22E-06	8.61E-07	1.46E-07	1.46E-07	1.46E-07	1.08E-07	6.55E-08	2.69E-06	8.74E-07	6.71E-07	1.13E-07	1.13E-07	1.13E-07	7.54E-08	3.30E-08	1.99E-06
652	560840.65	4192091.87	1.19E-06	8.38E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.38E-08	2.62E-06	8.50E-07	6.53E-07	1.10E-07	1.10E-07	1.10E-07	7.33E-08	3.21E-08	1.94E-06
653	560847.9	4192077.42	1.16E-06	8.15E-07	1.38E-07	1.38E-07	1.38E-07	1.02E-07	6.20E-08	2.55E-06	8.27E-07	6.35E-07	1.07E-07	1.07E-07	1.07E-07	7.13E-08	3.12E-08	1.89E-06
654	560855.15	4192062.98	1.12E-06	7.93E-07	1.34E-07	1.35E-07	1.34E-07	9.95E-08	6.03E-08	2.48E-06	8.04E-07	6.18E-07	1.04E-07	1.04E-07	1.04E-07	6.94E-08	3.04E-08	1.83E-06
655	560865.52	4192051.31	1.11E-06	7.85E-07	1.33E-07	1.33E-07	1.33E-07	9.85E-08	5.97E-08	2.46E-06	7.96E-07	6.11E-07	1.03E-07	1.03E-07	1.03E-07	6.87E-08	3.01E-08	1.82E-06
656	560879.01	4192042.42	1.12E-06	7.91E-07	1.34E-07	1.34E-07	1.34E-07	9.93E-08	6.02E-08	2.47E-06	8.02E-07	6.16E-07	1.04E-07	1.04E-07	1.04E-07	6.92E-08	3.03E-08	1.83E-06
657	560892.51	4192033.52	1.13E-06	7.97E-07	1.35E-07	1.35E-07	1.35E-07	1.00E-07	6.06E-08	2.49E-06	8.08E-07	6.21E-07	1.05E-07	1.05E-07	1.05E-07	6.97E-08	3.05E-08	1.84E-06
658	560906	4192024.63	1.14E-06	8.01E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.09E-08	2.51E-06	8.13E-07	6.24E-07	1.05E-07	1.05E-07	1.05E-07	7.01E-08	3.07E-08	1.85E-06
659	560919.5	4192015.74	1.14E-06	8.03E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.15E-07	6.26E-07	1.05E-07	1.06E-07	1.05E-07	7.03E-08	3.08E-08	1.86E-06
660	560932.99	4192006.85	1.14E-06	8.03E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.14E-07	6.26E-07	1.05E-07	1.06E-07	1.05E-07	7.03E-08	3.08E-08	1.86E-06
661	560946.49	4191997.96	1.13E-06	8.00E-07	1.35E-07	1.36E-07	1.35E-07	1.00E-07	6.09E-08	2.50E-06	8.11E-07	6.23E-07	1.05E-07	1.05E-07	1.05E-07	7.00E-08	3.06E-08	1.85E-06
662	560799.14	4192179.31	1.34E-06	9.46E-07	1.60E-07	1.61E-07	1.60E-07	1.19E-07	7.20E-08	2.96E-06	9.60E-07	7.37E-07	1.24E-07	1.25E-07	1.24E-07	8.28E-08	3.63E-08	2.19E-06
663	560795.84	4192195.3	1.37E-06	9.68E-07	1.64E-07	1.64E-07	1.64E-07	1.22E-07	7.37E-08	3.03E-06	9.82E-07	7.54E-07	1.27E-07	1.27E-07	1.27E-07	8.47E-08	3.71E-08	2.24E-06
664	560794.54	4192162.22	1.26E-06	8.91E-07	1.51E-07	1.51E-07	1.51E-07	1.12E-07	6.78E-08	2.79E-06	9.04E-07	6.94E-07	1.17E-07	1.17E-07	1.17E-07	7.80E-08	3.41E-08	2.06E-06
665	560801.61	4192148.08	1.25E-06	8.80E-07	1.49E-07	1.49E-07	1.49E-07	1.11E-07	6.70E-08	2.75E-06	8.93E-07	6.86E-07	1.16E-07	1.16E-07	1.16E-07	7.71E-08	3.37E-08	2.04E-06
666	560808.73	4192133.94	1.23E-06	8.66E-07	1.47E-07	1.47E-07	1.47E-07	1.09E-07	6.59E-08	2.71E-06	8.79E-07	6.75E-07	1.14E-07	1.14E-07	1.14E-07	7.58E-08	3.32E-08	2.00E-06
667	560815.83	4192119.8	1.20E-06	8.49E-07	1.44E-07	1.44E-07	1.44E-07	1.07E-07	6.46E-08	2.66E-06	8.62E-07	6.62E-07	1.11E-07	1.12E-07	1.11E-07	7.43E-08	3.25E-08	1.96E-06
668	560822.92	4192105.67	1.18E-06	8.30E-07	1.41E-07	1.41E-07	1.41E-07	1.04E-07	6.32E-08	2.60E-06	8.42E-07	6.47E-07	1.09E-07	1.09E-07	1.09E-07	7.27E-08	3.18E-08	1.92E-06
669	560830.02	4192091.53	1.15E-06	8.09E-07	1.37E-07	1.37E-07	1.37E-07	1.02E-07	6.16E-08	2.53E-06	8.21E-07	6.31E-07	1.06E-07	1.07E-07	1.06E-07	7.08E-08	3.10E-08	1.87E-06
670	560837.11	4192077.39	1.12E-06	7.88E-07	1.33E-07	1.34E-07	1.33E-07	9.90E-08	6.00E-08	2.47E-06	8.00E-07	6.14E-07	1.03E-07	1.04E-07	1.03E-07	6.90E-08	3.02E-08	1.82E-06
671	560844.2	4192063.25	1.09E-06	7.68E-07	1.30E-07	1.30E-07	1.30E-07	9.64E-08	5.84E-08	2.40E-06	7.79E-07	5.98E-07	1.01E-07	1.01E-07	1.01E-07	6.72E-08	2.94E-08	1.78E-06
672	560857.9	4192044.76	1.06E-06	7.50E-07	1.27E-07	1.27E-07	1.27E-07	9.42E-08	5.71E-08	2.35E-06	7.61E-07	5.85E-07	9.85E-08	9.88E-08	9.85E-08	6.57E-08	2.87E-08	1.74E-06
673	560871.11	4192036.06	1.07E-06	7.56E-07	1.28E-07	1.28E-07	1.28E-07	9.49E-08	5.75E-08	2.37E-06	7.67E-07	5.89E-07	9.92E-08	9.95E-08	9.92E-08	6.62E-08	2.90E-08	1.75E-06
674	560884.32	4192027.35	1.08E-06	7.62E-07	1.29E-07	1.29E-07	1.29E-07	9.56E-08	5.80E-08	2.38E-06	7.73E-07	5.94E-07	1.00E-07	1.00E-07	1.00E-07	6.67E-08	2.92E-08	1.76E-06
675	560897.53	4192018.65	1.09E-06	7.67E-07	1.30E-07	1.30E-07	1.30E-07	9.62E-08	5.83E-08	2.40E-06	7.78E-07	5.97E-07	1.01E-07	1.01E-07	1.01E-07	6.71E-08	2.94E-08	1.77E-06
676	560910.74	4192009.94	1.09E-06	7.69E-07	1.30E-07	1.31E-07	1.30E-07	9.66E-08	5.85E-08	2.41E-06	7.80E-07	5.99E-07	1.01E-07	1.01E-07	1.01E-07	6.73E-08	2.95E-08	1.78E-06
677	560923.95	4192001.24	1.09E-06	7.70E-07	1.30E-07	1.31E-07	1.30E-07	9.67E-08	5.86E-08	2.41E-06	7.81E-07	6.00E-07	1.01E-07	1.01E-07	1.01E-07	6.74E-08	2.95E-08	1.78E-06
678	560937.16	4191992.54	1.09E-06	7.68E-07	1.30E-07	1.30E-07	1.30E-07	9.65E-08	5.85E-08	2.40E-06	7.80E-07	5.99E-07	1.01E-07	1.01E-07	1.01E-07	6.72E-08	2.94E-08	1.78E-06
679	560950.36	4191983.83	1.08E-06	7.64E-07	1.29E-07	1.30E-07	1.29E-07	9.59E-08	5.81E-08	2.39E-06	7.75E-07	5.95E-07	1.00E-07	1.01E-07	1.00E-07	6.69E-08	2.93E-08	1.77E-06
680	560789.35	4192177.28	1.29E-06	9.07E-07	1.53E-07	1.54E-07	1.53E-07	1.14E-07	6.90E-08	2.84E-06	9.20E-07	7.06E-07	1.19E-07	1.19E-07	1.19E-07	7.93E-08	3.47E-08	2.10E-06
681	560786.05	4192193.27	1.31E-06	9.27E-07	1.57E-07	1.57E-07	1.57E-07	1.16E-07	7.05E-08	2.90E-06	9.40E-07	7.22E-07	1.22E-07	1.22E-07	1.22E-07	8.11E-08	3.55E-08	2.14E-06
682	560784.68	4192160.33	1.21E-06	8.55E-07	1.45E-07	1.45E-07	1.45E-07	1.07E-07	6.51E-08	2.68E-06	8.68E-07	6.67E-07	1.12E-07	1.13E-07	1.12E-07	7.49E-08	3.28E-08	1.98E-06
683	560791.64	4192146.47	1.20E-06	8.46E-07	1.43E-07	1.44E-07	1.43E-07	1.06E-07	6.44E-08	2.65E-06	8.58E-07	6.59E-07	1.11E-07	1.11E-07	1.11E-07	7.40E-08	3.24E-08	1.96E-06
684	560798.6	4192132.6	1.18E-06	8.33E-07	1.41E-07	1.41E-07	1.41E-07	1.05E-07	6.34E-08	2.61E-06	8.45E-07	6.49E-07	1.09E-07	1.10E-07	1.09E-07	7.29E-08	3.19E-08	1.93E-06
685	560805.56	4192118.73	1.16E-06	8.18E-07	1.38E-07	1.39E-07	1.38E-07	1.03E-07	6.22E-08	2.56E-06	8.30E-07	6.37E-07	1.07E-07	1.08E-07	1.07E-07	7.16E-08	3.13E-08	1.89E-06
686	560812.51	4192104.87	1.14E-06	8.01E-07	1.36E-07	1.36E-07	1.36E-07	1.00E-07	6.09E-08	2.50E-06	8.12E-07	6.24E-07	1.05E-07	1.05E-07	1.05E-07	7.01E-08	3.07E-08	1.85E-06
687	560819.47	4192091	1.11E-06	7.82E-07	1.32E-07	1.33E-07	1.32E-07	9.82E-08	5.95E-08	2.45E-06	7.93E-07	6.09E-07	1.03E-07	1.03E-07	1.03E-07	6.84E-08	3.00E-08	1.81E-06
688	560826.43	4192077.13	1.08E-06	7.63E-07	1.29E-07	1.29E-07	1.29E-07	9.58E-08	5.81E-08	2.39E-06	7.74E-07	5.94E-07	1.00E-07	1.00E-07	1.00E-07	6.68E-08	2.92E-08	1.77E-06
689	560833.39	4192063.27	1.06E-06	7.44E-07	1.26E-07	1.26E-07	1.26E-07	9.34E-08	5.66E-08	2.33E-06	7.54E-07	5.79E-07	9.76E-08	9.79E-08	9.76E-08	6.51E-08	2.85E-08	1.72E-06
690	560840.35	4192049.4	1.03E-06	7.25E-07	1.23E-07	1.23E-07	1.23E-07	9.10E-08	5.51E-08	2.27E-06	7.35E-07	5.65E-07	9.5					

733	560888.19	4191990.09	9.64E-07	6.80E-07	1.15E-07	1.15E-07	1.15E-07	8.53E-08	5.17E-08	2.13E-06	6.90E-07	5.30E-07	8.92E-08	8.95E-08	8.92E-08	5.95E-08	2.60E-08	1.57E-06
734	560901.38	4191981.41	9.68E-07	6.82E-07	1.15E-07	1.16E-07	1.15E-07	8.56E-08	5.19E-08	2.13E-06	6.92E-07	5.32E-07	8.95E-08	8.98E-08	8.95E-08	5.97E-08	2.61E-08	1.58E-06
735	560914.56	4191972.72	9.68E-07	6.83E-07	1.16E-07	1.16E-07	1.16E-07	8.57E-08	5.19E-08	2.14E-06	6.93E-07	5.32E-07	8.96E-08	8.99E-08	8.96E-08	5.97E-08	2.62E-08	1.58E-06
736	560927.74	4191964.03	9.66E-07	6.81E-07	1.15E-07	1.16E-07	1.15E-07	8.55E-08	5.18E-08	2.13E-06	6.91E-07	5.31E-07	8.94E-08	8.97E-08	8.94E-08	5.96E-08	2.61E-08	1.58E-06
737	560940.92	4191955.35	9.61E-07	6.78E-07	1.15E-07	1.15E-07	1.15E-07	8.51E-08	5.16E-08	2.12E-06	6.87E-07	5.28E-07	8.89E-08	8.92E-08	8.89E-08	5.93E-08	2.60E-08	1.57E-06
738	560759.97	4192171.22	1.13E-06	7.98E-07	1.35E-07	1.36E-07	1.35E-07	1.00E-07	6.08E-08	2.50E-06	8.10E-07	6.22E-07	1.05E-07	1.05E-07	1.05E-07	6.99E-08	3.06E-08	1.85E-06
739	560756.67	4192187.21	1.15E-06	8.13E-07	1.38E-07	1.38E-07	1.38E-07	1.02E-07	6.19E-08	2.54E-06	8.25E-07	6.34E-07	1.07E-07	1.07E-07	1.07E-07	7.12E-08	3.12E-08	1.88E-06
740	560755.3	4192154.27	1.07E-06	7.56E-07	1.28E-07	1.28E-07	1.28E-07	9.49E-08	5.76E-08	2.37E-06	7.67E-07	5.89E-07	9.93E-08	9.96E-08	9.93E-08	6.62E-08	2.90E-08	1.75E-06
741	560762.26	4192140.4	1.06E-06	7.50E-07	1.27E-07	1.27E-07	1.27E-07	9.42E-08	5.71E-08	2.35E-06	7.61E-07	5.85E-07	9.85E-08	9.88E-08	9.85E-08	6.57E-08	2.88E-08	1.74E-06
742	560769.22	4192126.54	1.05E-06	7.42E-07	1.26E-07	1.26E-07	1.26E-07	9.31E-08	5.64E-08	2.32E-06	7.53E-07	5.78E-07	9.74E-08	9.76E-08	9.74E-08	6.49E-08	2.84E-08	1.72E-06
743	560776.17	4192112.67	1.04E-06	7.31E-07	1.24E-07	1.24E-07	1.24E-07	9.17E-08	5.56E-08	2.29E-06	7.41E-07	5.69E-07	9.59E-08	9.62E-08	9.59E-08	6.40E-08	2.80E-08	1.69E-06
744	560783.13	4192098.8	1.02E-06	7.18E-07	1.21E-07	1.22E-07	1.21E-07	9.01E-08	5.46E-08	2.25E-06	7.28E-07	5.59E-07	9.42E-08	9.45E-08	9.42E-08	6.28E-08	2.75E-08	1.66E-06
745	560790.09	4192084.94	9.96E-07	7.02E-07	1.19E-07	1.19E-07	1.19E-07	8.81E-08	5.34E-08	2.20E-06	7.12E-07	5.47E-07	9.21E-08	9.24E-08	9.21E-08	6.14E-08	2.69E-08	1.62E-06
746	560797.05	4192071.07	9.72E-07	6.85E-07	1.16E-07	1.16E-07	1.16E-07	8.61E-08	5.22E-08	2.14E-06	6.95E-07	5.34E-07	9.00E-08	9.02E-08	9.00E-08	6.00E-08	2.63E-08	1.59E-06
747	560804.01	4192057.2	9.51E-07	6.70E-07	1.13E-07	1.14E-07	1.13E-07	8.41E-08	5.10E-08	2.10E-06	6.80E-07	5.22E-07	8.80E-08	8.82E-08	8.80E-08	5.87E-08	2.57E-08	1.55E-06
748	560810.96	4192043.34	9.30E-07	6.55E-07	1.11E-07	1.11E-07	1.11E-07	8.23E-08	4.99E-08	2.05E-06	6.65E-07	5.11E-07	8.60E-08	8.62E-08	8.60E-08	5.73E-08	2.51E-08	1.52E-06
749	560817.92	4192029.47	9.08E-07	6.40E-07	1.08E-07	1.09E-07	1.08E-07	8.03E-08	4.87E-08	2.00E-06	6.49E-07	4.99E-07	8.40E-08	8.42E-08	8.40E-08	5.60E-08	2.45E-08	1.48E-06
750	560827.88	4192018.27	9.01E-07	6.35E-07	1.08E-07	1.08E-07	1.08E-07	7.97E-08	4.83E-08	1.99E-06	6.44E-07	4.95E-07	8.34E-08	8.36E-08	8.34E-08	5.56E-08	2.43E-08	1.47E-06
751	560840.83	4192009.73	9.08E-07	6.40E-07	1.08E-07	1.09E-07	1.08E-07	8.03E-08	4.87E-08	2.00E-06	6.49E-07	4.99E-07	8.40E-08	8.42E-08	8.40E-08	5.60E-08	2.45E-08	1.48E-06
752	560853.79	4192001.2	9.15E-07	6.45E-07	1.09E-07	1.09E-07	1.09E-07	8.09E-08	4.91E-08	2.02E-06	6.54E-07	5.02E-07	8.46E-08	8.49E-08	8.46E-08	5.64E-08	2.47E-08	1.49E-06
753	560866.74	4191992.66	9.21E-07	6.49E-07	1.10E-07	1.10E-07	1.10E-07	8.15E-08	4.94E-08	2.03E-06	6.58E-07	5.06E-07	8.52E-08	8.54E-08	8.52E-08	5.68E-08	2.49E-08	1.50E-06
754	560879.7	4191984.12	9.26E-07	6.53E-07	1.11E-07	1.11E-07	1.11E-07	8.20E-08	4.97E-08	2.04E-06	6.62E-07	5.09E-07	8.57E-08	8.59E-08	8.57E-08	5.71E-08	2.50E-08	1.51E-06
755	560892.65	4191975.59	9.30E-07	6.56E-07	1.11E-07	1.11E-07	1.11E-07	8.23E-08	4.99E-08	2.05E-06	6.65E-07	5.11E-07	8.61E-08	8.63E-08	8.61E-08	5.74E-08	2.51E-08	1.52E-06
756	560905.61	4191967.05	9.32E-07	6.57E-07	1.11E-07	1.12E-07	1.11E-07	8.25E-08	5.00E-08	2.06E-06	6.67E-07	5.12E-07	8.63E-08	8.65E-08	8.63E-08	5.75E-08	2.52E-08	1.52E-06
757	560918.56	4191958.51	9.32E-07	6.57E-07	1.11E-07	1.11E-07	1.11E-07	8.24E-08	5.00E-08	2.05E-06	6.66E-07	5.12E-07	8.62E-08	8.64E-08	8.62E-08	5.75E-08	2.52E-08	1.52E-06
758	560931.52	4191949.98	9.28E-07	6.54E-07	1.11E-07	1.11E-07	1.11E-07	8.21E-08	4.98E-08	2.05E-06	6.64E-07	5.10E-07	8.59E-08	8.61E-08	8.59E-08	5.73E-08	2.51E-08	1.51E-06
759	560750.17	4192169.2	1.09E-06	7.67E-07	1.30E-07	1.30E-07	1.30E-07	9.63E-08	5.84E-08	2.40E-06	7.78E-07	5.98E-07	1.01E-07	1.01E-07	1.01E-07	6.71E-08	2.94E-08	1.77E-06
760	560746.87	4192185.19	1.11E-06	7.81E-07	1.32E-07	1.33E-07	1.32E-07	9.81E-08	5.95E-08	2.44E-06	7.93E-07	6.09E-07	1.03E-07	1.03E-07	1.03E-07	6.84E-08	2.99E-08	1.81E-06
761	560745.62	4192152.02	1.03E-06	7.28E-07	1.23E-07	1.24E-07	1.23E-07	9.14E-08	5.54E-08	2.28E-06	7.39E-07	5.68E-07	9.56E-08	9.59E-08	9.56E-08	6.38E-08	2.79E-08	1.69E-06
762	560752.81	4192137.69	1.02E-06	7.21E-07	1.22E-07	1.22E-07	1.22E-07	9.06E-08	5.49E-08	2.26E-06	7.32E-07	5.62E-07	9.47E-08	9.50E-08	9.47E-08	6.31E-08	2.76E-08	1.67E-06
763	560760	4192123.36	1.01E-06	7.13E-07	1.21E-07	1.21E-07	1.21E-07	8.95E-08	5.43E-08	2.23E-06	7.24E-07	5.56E-07	9.36E-08	9.39E-08	9.36E-08	6.24E-08	2.73E-08	1.65E-06
764	560767.19	4192109.03	9.97E-07	7.03E-07	1.19E-07	1.19E-07	1.19E-07	8.82E-08	5.35E-08	2.20E-06	7.13E-07	5.47E-07	9.22E-08	9.25E-08	9.22E-08	6.15E-08	2.69E-08	1.63E-06
765	560774.38	4192094.7	9.79E-07	6.90E-07	1.17E-07	1.17E-07	1.17E-07	8.66E-08	5.25E-08	2.16E-06	7.00E-07	5.38E-07	9.06E-08	9.08E-08	9.06E-08	6.04E-08	2.64E-08	1.60E-06
766	560781.57	4192080.37	9.57E-07	6.75E-07	1.14E-07	1.14E-07	1.14E-07	8.47E-08	5.13E-08	2.11E-06	6.84E-07	5.26E-07	8.85E-08	8.88E-08	8.85E-08	5.90E-08	2.58E-08	1.56E-06
767	560788.76	4192066.05	9.34E-07	6.58E-07	1.11E-07	1.12E-07	1.11E-07	8.26E-08	5.01E-08	2.06E-06	6.68E-07	5.13E-07	8.64E-08	8.66E-08	8.64E-08	5.76E-08	2.52E-08	1.52E-06
768	560795.95	4192051.72	9.13E-07	6.44E-07	1.09E-07	1.09E-07	1.09E-07	8.08E-08	4.90E-08	2.01E-06	6.53E-07	5.02E-07	8.45E-08	8.47E-08	8.45E-08	5.63E-08	2.47E-08	1.49E-06
769	560803.14	4192037.39	8.93E-07	6.29E-07	1.07E-07	1.07E-07	1.07E-07	7.90E-08	4.79E-08	1.97E-06	6.39E-07	4.90E-07	8.26E-08	8.29E-08	8.26E-08	5.51E-08	2.41E-08	1.46E-06
770	560810.33	4192023.06	8.73E-07	6.15E-07	1.04E-07	1.04E-07	1.04E-07	7.72E-08	4.68E-08	1.92E-06	6.24E-07	4.79E-07	8.08E-08	8.10E-08	8.08E-08	5.38E-08	2.36E-08	1.42E-06
771	560820.62	4192011.48	8.66E-07	6.11E-07	1.03E-07	1.04E-07	1.03E-07	7.67E-08	4.65E-08	1.91E-06	6.20E-07	4.76E-07	8.02E-08	8.04E-08	8.02E-08	5.35E-08	2.34E-08	1.41E-06
772	560834.01	4192002.66	8.73E-07	6.16E-07	1.04E-07	1.04E-07	1.04E-07	7.73E-08	4.68E-08	1.93E-06	6.25E-07	4.80E-07	8.08E-08	8.10E-08	8.08E-08	5.39E-08	2.36E-08	1.42E-06
773	560847.39	4191993.84	8.80E-07	6.20E-07	1.05E-07	1.05E-07	1.05E-07	7.79E-08	4.72E-08	1.94E-06	6.29E-07	4.83E-07	8.14E-08	8.17E-08	8.14E-08	5.43E-08	2.38E-08	1.44E-06
774	560860.78	4191985.02	8.86E-07	6.25E-07	1.06E-07	1.06E-07	1.06E-07	7.84E-08	4.75E-08	1.95E-06	6.34E-07	4.87E-07	8.20E-08	8.22E-08	8.20E-08	5.47E-08	2.39E-08	1.45E-06
775	560874.17	4191976.2	8.91E-07	6.28E-07	1.06E-07	1.07E-07	1.06E-07	7.89E-08	4.78E-08	1.97E-06	6.38E-07	4.90E-07	8.25E-08	8.27E-08	8.25E-08	5.50E-08	2.41E-08	1.45E-06
776	560887.55	4191967.38	8.96E-07	6.31E-07	1.07E-07	1.07E-07	1.07E-07	7.93E-08	4.81E-08	1.98E-06	6.41E-07	4.92E-07	8.29E-08	8.31E-08	8.29E-08	5.53E-08	2.42E-08	1.46E-06
777	560900.94	4191958.56	8.98E-07	6.33E-07	1.07E-07	1.07E-07	1.07E-07	7.95E-08	4.82E-08	1.98E-06	6.42E-07	4.93E-07	8.31E-08	8.33E-08	8.31E-08	5.54E-08	2.43E-08	1.46E-06
778	560914.33	4191949.74	8.98E-07	6.33E-07	1.07E-07	1.07E-07	1.07E-07	7.94E-08	4.82E-08	1.98E-06	6.42E-07	4.93E-07	8.31E-08	8.33E-08	8.31E-08	5.54E-08	2.42E-08	1.46E-06
779	560927.71	4191940.92	8.95E-07	6.31E-07	1.07E-07	1.07E-07	1.07E-07	7.92E-08	4.80E-08	1.97E-06	6.40E-07	4.91E-07	8.28E-08	8.30E-08	8.28E-08	5.52E-08	2.42E-08	1.46E-06
780	560740.38	4192167.18	1.05E-06	7.39E-07	1.25E-07	1.25E-07	1.25E-07	9.27E-08	5.62E-08	2.31E-06	7.49E-07	5.76E-07	9.70E-08	9.72E-08	9.70E-08	6.46E-08	2.83E-08	1.71E-06
781	560737.08	4192183.17	1.07E-06	7.52E-07	1.27E-07	1.28E-07	1.27E-07	9.44E-08	5.72E-08	2.35E-06	7.63E-07	5.86E-07	9.87E-08	9.90E-08	9.87E-08	6.58E-08	2.88E-08	1.74E-06
782	560929.86	4192237.22	1.31E-06	2.23E-06	3.78E-07	3.79E-07	3.78E-07	2.80E-07	1.70E-07	6.98E-06	2.26E-06	1.74E-06						

825	560860.14	4192270	2.18E-06	1.53E-06	2.60E-07	2.60E-07	2.60E-07	1.92E-07	1.17E-07	4.80E-06	1.56E-06	1.19E-06	2.01E-07	2.02E-07	2.01E-07	1.34E-07	5.88E-08	3.55E-06
826	560857.86	4192279.39	2.18E-06	1.54E-06	2.60E-07	2.61E-07	2.60E-07	1.93E-07	1.17E-07	4.80E-06	1.56E-06	1.20E-06	2.02E-07	2.02E-07	2.02E-07	1.34E-07	5.88E-08	3.55E-06
827	560855.57	4192288.78	2.18E-06	1.53E-06	2.60E-07	2.60E-07	2.60E-07	1.93E-07	1.17E-07	4.80E-06	1.56E-06	1.20E-06	2.01E-07	2.02E-07	2.01E-07	1.34E-07	5.88E-08	3.55E-06
828	560861.84	4192220.68	1.98E-06	1.40E-06	2.36E-07	2.37E-07	2.36E-07	1.75E-07	1.06E-07	4.36E-06	1.42E-06	1.09E-06	1.83E-07	1.84E-07	1.83E-07	1.22E-07	5.35E-08	3.23E-06
829	560859.56	4192230.07	2.00E-06	1.41E-06	2.39E-07	2.39E-07	2.39E-07	1.77E-07	1.07E-07	4.41E-06	1.43E-06	1.10E-06	1.85E-07	1.86E-07	1.85E-07	1.23E-07	5.40E-08	3.26E-06
830	560857.28	4192239.46	2.02E-06	1.42E-06	2.41E-07	2.41E-07	2.41E-07	1.79E-07	1.08E-07	4.45E-06	1.44E-06	1.11E-06	1.87E-07	1.87E-07	1.87E-07	1.24E-07	5.45E-08	3.29E-06
831	560854.99	4192248.85	2.03E-06	1.43E-06	2.42E-07	2.43E-07	2.42E-07	1.80E-07	1.09E-07	4.48E-06	1.45E-06	1.12E-06	1.88E-07	1.88E-07	1.88E-07	1.25E-07	5.48E-08	3.31E-06
832	560852.71	4192258.24	2.04E-06	1.44E-06	2.44E-07	2.44E-07	2.44E-07	1.81E-07	1.09E-07	4.50E-06	1.46E-06	1.12E-06	1.89E-07	1.89E-07	1.89E-07	1.26E-07	5.51E-08	3.33E-06
833	560850.42	4192267.63	2.05E-06	1.44E-06	2.44E-07	2.45E-07	2.44E-07	1.81E-07	1.10E-07	4.51E-06	1.46E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.26E-07	5.53E-08	3.34E-06
834	560848.14	4192277.03	2.05E-06	1.44E-06	2.44E-07	2.45E-07	2.44E-07	1.81E-07	1.10E-07	4.52E-06	1.47E-06	1.13E-06	1.90E-07	1.90E-07	1.90E-07	1.26E-07	5.53E-08	3.34E-06
835	560845.86	4192286.42	2.05E-06	1.44E-06	2.44E-07	2.45E-07	2.44E-07	1.81E-07	1.10E-07	4.51E-06	1.46E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.26E-07	5.53E-08	3.34E-06
836	560852.13	4192218.32	1.87E-06	1.32E-06	2.23E-07	2.24E-07	2.23E-07	1.66E-07	1.00E-07	4.13E-06	1.34E-06	1.03E-06	1.73E-07	1.74E-07	1.73E-07	1.15E-07	5.05E-08	3.05E-06
837	560849.84	4192227.71	1.89E-06	1.33E-06	2.26E-07	2.26E-07	2.26E-07	1.67E-07	1.01E-07	4.17E-06	1.35E-06	1.04E-06	1.75E-07	1.75E-07	1.75E-07	1.17E-07	5.11E-08	3.08E-06
838	560847.56	4192237.1	1.91E-06	1.34E-06	2.27E-07	2.28E-07	2.27E-07	1.69E-07	1.02E-07	4.20E-06	1.36E-06	1.05E-06	1.76E-07	1.77E-07	1.76E-07	1.18E-07	5.15E-08	3.11E-06
839	560845.28	4192246.49	1.92E-06	1.35E-06	2.29E-07	2.29E-07	2.29E-07	1.70E-07	1.03E-07	4.23E-06	1.37E-06	1.05E-06	1.77E-07	1.78E-07	1.77E-07	1.18E-07	5.18E-08	3.13E-06
840	560842.99	4192255.88	1.93E-06	1.36E-06	2.30E-07	2.30E-07	2.30E-07	1.70E-07	1.03E-07	4.25E-06	1.38E-06	1.06E-06	1.78E-07	1.79E-07	1.78E-07	1.19E-07	5.20E-08	3.14E-06
841	560840.71	4192265.27	1.93E-06	1.36E-06	2.30E-07	2.31E-07	2.30E-07	1.71E-07	1.04E-07	4.26E-06	1.38E-06	1.06E-06	1.79E-07	1.79E-07	1.79E-07	1.19E-07	5.22E-08	3.15E-06
842	560838.42	4192274.66	1.93E-06	1.36E-06	2.31E-07	2.31E-07	2.31E-07	1.71E-07	1.04E-07	4.26E-06	1.38E-06	1.06E-06	1.79E-07	1.79E-07	1.79E-07	1.19E-07	5.22E-08	3.15E-06
843	560836.14	4192284.05	1.93E-06	1.36E-06	2.30E-07	2.31E-07	2.30E-07	1.71E-07	1.04E-07	4.26E-06	1.38E-06	1.06E-06	1.79E-07	1.79E-07	1.79E-07	1.19E-07	5.22E-08	3.15E-06
844	560842.41	4192215.95	1.77E-06	1.25E-06	2.11E-07	2.12E-07	2.11E-07	1.57E-07	9.51E-08	3.91E-06	1.27E-06	9.73E-07	1.64E-07	1.64E-07	1.64E-07	1.09E-07	4.79E-08	2.89E-06
845	560840.13	4192225.34	1.79E-06	1.26E-06	2.14E-07	2.14E-07	2.14E-07	1.58E-07	9.60E-08	3.95E-06	1.28E-06	9.83E-07	1.66E-07	1.66E-07	1.66E-07	1.10E-07	4.83E-08	2.92E-06
846	560837.84	4192234.74	1.80E-06	1.27E-06	2.15E-07	2.16E-07	2.15E-07	1.60E-07	9.68E-08	3.98E-06	1.29E-06	9.91E-07	1.67E-07	1.67E-07	1.67E-07	1.11E-07	4.87E-08	2.94E-06
847	560835.56	4192244.13	1.81E-06	1.28E-06	2.17E-07	2.17E-07	2.17E-07	1.61E-07	9.73E-08	4.00E-06	1.30E-06	9.97E-07	1.68E-07	1.68E-07	1.68E-07	1.12E-07	4.90E-08	2.96E-06
848	560833.27	4192253.52	1.82E-06	1.28E-06	2.17E-07	2.18E-07	2.17E-07	1.61E-07	9.78E-08	4.02E-06	1.30E-06	1.00E-06	1.69E-07	1.69E-07	1.69E-07	1.12E-07	4.92E-08	2.97E-06
849	560830.99	4192262.91	1.83E-06	1.29E-06	2.18E-07	2.19E-07	2.18E-07	1.62E-07	9.80E-08	4.03E-06	1.31E-06	1.00E-06	1.69E-07	1.70E-07	1.69E-07	1.13E-07	4.93E-08	2.98E-06
850	560828.71	4192272.3	1.83E-06	1.29E-06	2.18E-07	2.19E-07	2.18E-07	1.62E-07	9.81E-08	4.03E-06	1.31E-06	1.00E-06	1.69E-07	1.70E-07	1.69E-07	1.13E-07	4.94E-08	2.98E-06
851	560826.42	4192281.69	1.83E-06	1.29E-06	2.18E-07	2.19E-07	2.18E-07	1.62E-07	9.80E-08	4.03E-06	1.31E-06	1.00E-06	1.69E-07	1.70E-07	1.69E-07	1.13E-07	4.93E-08	2.98E-06
852	560832.69	4192213.59	1.68E-06	1.19E-06	2.01E-07	2.01E-07	2.01E-07	1.49E-07	9.02E-08	3.71E-06	1.20E-06	9.24E-07	1.56E-07	1.56E-07	1.56E-07	1.04E-07	4.54E-08	2.74E-06
853	560830.41	4192222.98	1.70E-06	1.20E-06	2.03E-07	2.03E-07	2.03E-07	1.50E-07	9.11E-08	3.74E-06	1.21E-06	9.33E-07	1.57E-07	1.58E-07	1.57E-07	1.05E-07	4.59E-08	2.77E-06
854	560828.13	4192232.37	1.71E-06	1.21E-06	2.04E-07	2.05E-07	2.04E-07	1.51E-07	9.18E-08	3.77E-06	1.22E-06	9.40E-07	1.58E-07	1.59E-07	1.58E-07	1.06E-07	4.62E-08	2.79E-06
855	560825.84	4192241.76	1.72E-06	1.21E-06	2.05E-07	2.06E-07	2.05E-07	1.52E-07	9.23E-08	3.79E-06	1.23E-06	9.45E-07	1.59E-07	1.60E-07	1.59E-07	1.06E-07	4.65E-08	2.81E-06
856	560823.56	4192251.15	1.73E-06	1.22E-06	2.06E-07	2.07E-07	2.06E-07	1.53E-07	9.27E-08	3.81E-06	1.24E-06	9.49E-07	1.60E-07	1.60E-07	1.60E-07	1.07E-07	4.67E-08	2.82E-06
857	560821.27	4192260.55	1.73E-06	1.22E-06	2.07E-07	2.07E-07	2.07E-07	1.53E-07	9.29E-08	3.82E-06	1.24E-06	9.51E-07	1.60E-07	1.61E-07	1.60E-07	1.07E-07	4.68E-08	2.82E-06
858	560818.99	4192269.94	1.73E-06	1.22E-06	2.07E-07	2.07E-07	2.07E-07	1.53E-07	9.30E-08	3.82E-06	1.24E-06	9.52E-07	1.60E-07	1.61E-07	1.60E-07	1.07E-07	4.68E-08	2.83E-06
859	560816.71	4192279.33	1.73E-06	1.22E-06	2.07E-07	2.07E-07	2.07E-07	1.53E-07	9.29E-08	3.82E-06	1.24E-06	9.51E-07	1.60E-07	1.61E-07	1.60E-07	1.07E-07	4.68E-08	2.82E-06
860	560822.98	4192211.23	1.60E-06	1.13E-06	1.91E-07	1.91E-07	1.91E-07	1.42E-07	8.58E-08	3.53E-06	1.14E-06	8.78E-07	1.48E-07	1.48E-07	1.48E-07	9.87E-08	4.13E-08	2.61E-06
861	560820.69	4192220.62	1.61E-06	1.14E-06	1.93E-07	1.93E-07	1.93E-07	1.43E-07	8.66E-08	3.56E-06	1.15E-06	8.86E-07	1.49E-07	1.50E-07	1.49E-07	9.95E-08	4.36E-08	2.63E-06
862	560818.41	4192230.41	1.63E-06	1.15E-06	1.94E-07	1.94E-07	1.94E-07	1.44E-07	8.72E-08	3.58E-06	1.16E-06	8.93E-07	1.50E-07	1.51E-07	1.50E-07	1.00E-07	4.39E-08	2.65E-06
863	560816.12	4192239.4	1.63E-06	1.15E-06	1.95E-07	1.96E-07	1.95E-07	1.45E-07	8.77E-08	3.60E-06	1.17E-06	8.98E-07	1.51E-07	1.52E-07	1.51E-07	1.01E-07	4.41E-08	2.67E-06
864	560813.84	4192248.79	1.64E-06	1.16E-06	1.96E-07	1.96E-07	1.96E-07	1.45E-07	8.80E-08	3.62E-06	1.17E-06	9.01E-07	1.52E-07	1.52E-07	1.52E-07	1.01E-07	4.43E-08	2.68E-06
865	560811.56	4192258.18	1.64E-06	1.16E-06	1.96E-07	1.97E-07	1.96E-07	1.46E-07	8.82E-08	3.63E-06	1.18E-06	9.03E-07	1.52E-07	1.53E-07	1.52E-07	1.01E-07	4.44E-08	2.68E-06
866	560809.27	4192267.57	1.65E-06	1.16E-06	1.96E-07	1.97E-07	1.96E-07	1.46E-07	8.83E-08	3.63E-06	1.18E-06	9.04E-07	1.52E-07	1.53E-07	1.52E-07	1.02E-07	4.44E-08	2.68E-06
867	560806.99	4192276.97	1.64E-06	1.16E-06	1.96E-07	1.97E-07	1.96E-07	1.45E-07	8.82E-08	3.63E-06	1.18E-06	9.03E-07	1.52E-07	1.53E-07	1.52E-07	1.01E-07	4.44E-08	2.68E-06
868	560813.26	4192208.86	1.52E-06	1.07E-06	1.82E-07	1.82E-07	1.82E-07	1.35E-07	8.17E-08	3.36E-06	1.09E-06	8.36E-07	1.41E-07	1.41E-07	1.41E-07	9.39E-08	4.11E-08	2.48E-06
869	560810.98	4192218.26	1.54E-06	1.08E-06	1.83E-07	1.84E-07	1.83E-07	1.36E-07	8.24E-08	3.39E-06	1.10E-06	8.44E-07	1.42E-07	1.43E-07	1.42E-07	9.48E-08	4.15E-08	2.51E-06
870	560808.69	4192227.65	1.55E-06	1.09E-06	1.85E-07	1.85E-07	1.85E-07	1.37E-07	8.30E-08	3.41E-06	1.11E-06	8.50E-07	1.43E-07	1.44E-07	1.43E-07	9.54E-08	4.18E-08	2.52E-06
871	560806.41	4192237.04	1.56E-06	1.10E-06	1.86E-07	1.86E-07	1.86E-07	1.38E-07	8.34E-08	3.43E-06	1.11E-06	8.54E-07	1.44E-07	1.44E-07	1.44E-07	9.59E-08	4.20E-08	2.54E-06
872	560804.12	4192246.43	1.56E-06	1.10E-06	1.86E-07	1.87E-07	1.86E-07	1.38E-07	8.37E-08	3.44E-06	1.12E-06	8.57E-07	1.44E-07	1.45E-07	1.44E-07	9.63E-08	4.22E-08	2.55E-06
873	560801.84	4192255.82	1.56E-06	1.10E-06	1.87E-07	1.87E-07	1.87E-07	1.38E-07	8.39E-08	3.45E-06	1.12E-06	8.59E-07	1.45E-07	1.45E-07	1.45E-07	9.65E-08	4.22E-08	2.55E-06
874	560799.56	4192265.21	1.56E-06	1.10E-06	1.87E-07	1.87E-07	1.87E-07	1.38E-07	8.39E-08	3.45E-06	1.12E-06	8.60E						

917	560743.54	4192241.64	1.19E-06	8.39E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.38E-08	2.62E-06	8.51E-07	6.54E-07	1.10E-07	1.10E-07	1.10E-07	7.34E-08	3.21E-08	1.94E-06
918	560741.26	4192251.03	1.19E-06	8.39E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.38E-08	2.62E-06	8.51E-07	6.54E-07	1.10E-07	1.10E-07	1.10E-07	7.34E-08	3.21E-08	1.94E-06
919	560738.97	4192260.43	1.19E-06	8.37E-07	1.42E-07	1.42E-07	1.42E-07	1.05E-07	6.37E-08	2.62E-06	8.49E-07	6.52E-07	1.10E-07	1.10E-07	1.10E-07	7.33E-08	3.21E-08	1.94E-06
920	560742.96	4192201.71	1.12E-06	7.97E-07	1.34E-07	1.34E-07	1.34E-07	9.94E-08	6.03E-08	2.48E-06	8.03E-07	6.17E-07	1.04E-07	1.04E-07	1.04E-07	6.93E-08	3.03E-08	1.83E-06
921	560740.67	4192211.11	1.13E-06	7.96E-07	1.35E-07	1.35E-07	1.35E-07	9.99E-08	6.06E-08	2.49E-06	8.07E-07	6.20E-07	1.04E-07	1.05E-07	1.04E-07	6.97E-08	3.05E-08	1.84E-06
922	560738.39	4192220.5	1.13E-06	7.99E-07	1.35E-07	1.36E-07	1.35E-07	1.00E-07	6.08E-08	2.50E-06	8.11E-07	6.23E-07	1.05E-07	1.05E-07	1.05E-07	7.00E-08	3.06E-08	1.85E-06
923	560736.11	4192229.89	1.14E-06	8.02E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.14E-07	6.25E-07	1.05E-07	1.06E-07	1.05E-07	7.02E-08	3.07E-08	1.86E-06
924	560733.82	419239.28	1.14E-06	8.04E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.15E-07	6.26E-07	1.05E-07	1.06E-07	1.05E-07	7.03E-08	3.08E-08	1.86E-06
925	560731.54	4192248.67	1.14E-06	8.03E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.15E-07	6.26E-07	1.05E-07	1.06E-07	1.05E-07	7.03E-08	3.08E-08	1.86E-06
926	560729.26	4192258.06	1.14E-06	8.01E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.10E-08	2.51E-06	8.13E-07	6.25E-07	1.05E-07	1.05E-07	1.05E-07	7.01E-08	3.07E-08	1.85E-06
927	560733.24	4192199.35	1.08E-06	7.61E-07	1.29E-07	1.29E-07	1.29E-07	9.56E-08	5.79E-08	2.38E-06	7.73E-07	5.93E-07	1.00E-07	1.00E-07	1.00E-07	6.66E-08	2.92E-08	1.76E-06
928	560730.96	4192208.74	1.09E-06	7.65E-07	1.30E-07	1.30E-07	1.30E-07	9.61E-08	5.82E-08	2.39E-06	7.77E-07	5.96E-07	1.00E-07	1.01E-07	1.00E-07	6.70E-08	2.93E-08	1.77E-06
929	560728.67	4192218.13	1.09E-06	7.68E-07	1.30E-07	1.30E-07	1.30E-07	9.64E-08	5.85E-08	2.40E-06	7.79E-07	5.99E-07	1.01E-07	1.01E-07	1.01E-07	6.72E-08	2.94E-08	1.78E-06
930	560726.39	4192227.53	1.09E-06	7.70E-07	1.30E-07	1.31E-07	1.30E-07	9.67E-08	5.86E-08	2.41E-06	7.81E-07	6.00E-07	1.01E-07	1.01E-07	1.01E-07	6.74E-08	2.95E-08	1.78E-06
931	560724.11	4192236.92	1.09E-06	7.71E-07	1.30E-07	1.31E-07	1.30E-07	9.67E-08	5.86E-08	2.41E-06	7.82E-07	6.01E-07	1.01E-07	1.01E-07	1.01E-07	6.74E-08	2.95E-08	1.78E-06
932	560721.82	4192246.31	1.09E-06	7.70E-07	1.30E-07	1.31E-07	1.30E-07	9.67E-08	5.86E-08	2.41E-06	7.81E-07	6.00E-07	1.01E-07	1.01E-07	1.01E-07	6.74E-08	2.95E-08	1.78E-06
933	560719.54	4192255.7	1.09E-06	7.69E-07	1.30E-07	1.31E-07	1.30E-07	9.65E-08	5.85E-08	2.41E-06	7.80E-07	5.99E-07	1.01E-07	1.01E-07	1.01E-07	6.73E-08	2.95E-08	1.78E-06
934	560891.64	4192311.4	2.85E-06	2.01E-06	3.40E-07	3.41E-07	3.40E-07	2.52E-07	1.53E-07	6.29E-06	2.04E-06	1.57E-06	2.64E-07	2.65E-07	2.64E-07	1.76E-07	7.70E-08	4.65E-06
935	560888.03	4192328.88	2.84E-06	2.00E-06	3.39E-07	3.40E-07	3.39E-07	2.51E-07	1.52E-07	6.26E-06	2.03E-06	1.56E-06	2.63E-07	2.64E-07	2.63E-07	1.75E-07	7.67E-08	4.63E-06
936	560884.42	4192346.37	2.81E-06	1.98E-06	3.36E-07	3.37E-07	3.36E-07	2.49E-07	1.51E-07	6.20E-06	2.01E-06	1.54E-06	2.60E-07	2.61E-07	2.60E-07	1.74E-07	7.60E-08	4.59E-06
937	560880.81	4192363.85	2.77E-06	1.95E-06	3.30E-07	3.31E-07	3.30E-07	2.45E-07	1.49E-07	6.11E-06	1.98E-06	1.52E-06	2.56E-07	2.57E-07	2.56E-07	1.71E-07	7.48E-08	4.52E-06
938	560877.72	4192381.34	2.71E-06	1.91E-06	3.23E-07	3.24E-07	3.23E-07	2.40E-07	1.45E-07	5.97E-06	1.94E-06	1.49E-06	2.50E-07	2.51E-07	2.50E-07	1.67E-07	7.31E-08	4.41E-06
939	560881.85	4192309.38	2.65E-06	1.87E-06	3.17E-07	3.17E-07	3.17E-07	2.35E-07	1.42E-07	5.85E-06	1.90E-06	1.46E-06	2.45E-07	2.46E-07	2.45E-07	1.64E-07	7.17E-08	4.33E-06
940	560878.24	4192326.86	2.64E-06	1.86E-06	3.15E-07	3.16E-07	3.15E-07	2.34E-07	1.42E-07	5.82E-06	1.89E-06	1.45E-06	2.44E-07	2.45E-07	2.44E-07	1.63E-07	7.13E-08	4.31E-06
941	560874.63	4192344.34	2.61E-06	1.84E-06	3.12E-07	3.13E-07	3.12E-07	2.31E-07	1.40E-07	5.76E-06	1.87E-06	1.44E-06	2.42E-07	2.42E-07	2.42E-07	1.61E-07	7.06E-08	4.26E-06
942	560871.01	4192361.83	2.57E-06	1.81E-06	3.07E-07	3.08E-07	3.07E-07	2.27E-07	1.38E-07	5.67E-06	1.84E-06	1.41E-06	2.38E-07	2.38E-07	2.38E-07	1.59E-07	6.94E-08	4.19E-06
943	560867.4	4192379.31	2.51E-06	1.77E-06	3.00E-07	3.00E-07	3.00E-07	2.22E-07	1.35E-07	5.54E-06	1.80E-06	1.38E-06	2.32E-07	2.33E-07	2.32E-07	1.55E-07	6.78E-08	4.10E-06
944	560872.05	4192307.35	2.48E-06	1.75E-06	2.95E-07	2.96E-07	2.95E-07	2.19E-07	1.33E-07	5.46E-06	1.77E-06	1.36E-06	2.29E-07	2.30E-07	2.29E-07	1.53E-07	6.69E-08	4.04E-06
945	560868.44	4192324.84	2.46E-06	1.74E-06	2.94E-07	2.95E-07	2.94E-07	2.18E-07	1.32E-07	5.43E-06	1.76E-06	1.35E-06	2.28E-07	2.29E-07	2.28E-07	1.52E-07	6.65E-08	4.02E-06
946	560864.83	4192342.32	2.44E-06	1.72E-06	2.91E-07	2.91E-07	2.91E-07	2.15E-07	1.31E-07	5.37E-06	1.74E-06	1.34E-06	2.25E-07	2.26E-07	2.25E-07	1.50E-07	6.58E-08	3.97E-06
947	560861.22	4192359.81	2.39E-06	1.69E-06	2.86E-07	2.86E-07	2.86E-07	2.12E-07	1.28E-07	5.28E-06	1.71E-06	1.31E-06	2.21E-07	2.22E-07	2.21E-07	1.48E-07	6.46E-08	3.90E-06
948	560857.61	4192377.29	2.34E-06	1.65E-06	2.79E-07	2.80E-07	2.79E-07	2.07E-07	1.25E-07	5.15E-06	1.67E-06	1.28E-06	2.16E-07	2.17E-07	2.16E-07	1.44E-07	6.31E-08	3.81E-06
949	560862.26	4192305.33	2.32E-06	1.63E-06	2.76E-07	2.77E-07	2.76E-07	2.05E-07	1.24E-07	5.11E-06	1.66E-06	1.27E-06	2.14E-07	2.15E-07	2.14E-07	1.43E-07	6.26E-08	3.78E-06
950	560858.65	4192322.81	2.30E-06	1.62E-06	2.75E-07	2.76E-07	2.75E-07	2.04E-07	1.24E-07	5.08E-06	1.65E-06	1.26E-06	2.13E-07	2.14E-07	2.13E-07	1.42E-07	6.22E-08	3.76E-06
951	560855.04	4192340.3	2.28E-06	1.60E-06	2.71E-07	2.72E-07	2.71E-07	2.01E-07	1.22E-07	5.02E-06	1.63E-06	1.25E-06	2.11E-07	2.11E-07	2.11E-07	1.40E-07	6.15E-08	3.71E-06
952	560851.43	4192357.78	2.23E-06	1.58E-06	2.67E-07	2.67E-07	2.67E-07	1.98E-07	1.20E-07	4.93E-06	1.60E-06	1.23E-06	2.07E-07	2.07E-07	2.07E-07	1.38E-07	6.04E-08	3.64E-06
953	560847.82	4192375.27	2.18E-06	1.54E-06	2.60E-07	2.61E-07	2.60E-07	1.93E-07	1.17E-07	4.81E-06	1.56E-06	1.20E-06	2.02E-07	2.02E-07	2.02E-07	1.35E-07	5.89E-08	3.56E-06
954	560852.47	4192303.31	2.17E-06	1.53E-06	2.59E-07	2.60E-07	2.59E-07	1.92E-07	1.17E-07	4.79E-06	1.55E-06	1.19E-06	2.01E-07	2.02E-07	2.01E-07	1.34E-07	5.87E-08	3.54E-06
955	560848.86	4192320.79	2.16E-06	1.52E-06	2.58E-07	2.58E-07	2.58E-07	1.91E-07	1.16E-07	4.76E-06	1.54E-06	1.19E-06	2.00E-07	2.00E-07	2.00E-07	1.33E-07	5.83E-08	3.52E-06
956	560845.25	4192338.28	2.13E-06	1.50E-06	2.54E-07	2.55E-07	2.54E-07	1.89E-07	1.14E-07	4.70E-06	1.52E-06	1.17E-06	1.97E-07	1.98E-07	1.97E-07	1.32E-07	5.76E-08	3.48E-06
957	560841.63	4192355.76	2.09E-06	1.48E-06	2.50E-07	2.50E-07	2.50E-07	1.85E-07	1.12E-07	4.62E-06	1.50E-06	1.15E-06	1.94E-07	1.94E-07	1.94E-07	1.29E-07	5.65E-08	3.41E-06
958	560838.02	4192373.25	2.04E-06	1.44E-06	2.44E-07	2.45E-07	2.44E-07	1.81E-07	1.10E-07	4.51E-06	1.46E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.26E-07	5.52E-08	3.33E-06
959	560842.67	4192301.28	2.04E-06	1.44E-06	2.44E-07	2.44E-07	2.44E-07	1.81E-07	1.10E-07	4.51E-06	1.46E-06	1.12E-06	1.89E-07	1.90E-07	1.89E-07	1.26E-07	5.52E-08	3.33E-06
960	560839.06	4192318.77	2.03E-06	1.43E-06	2.42E-07	2.43E-07	2.42E-07	1.80E-07	1.09E-07	4.48E-06	1.45E-06	1.11E-06	1.88E-07	1.88E-07	1.88E-07	1.25E-07	5.48E-08	3.31E-06
961	560835.45	419236.25	2.01E-06	1.41E-06	2.39E-07	2.40E-07	2.39E-07	1.77E-07	1.08E-07	4.42E-06	1.43E-06	1.10E-06	1.86E-07	1.86E-07	1.86E-07	1.24E-07	5.42E-08	3.27E-06
962	560831.84	4192353.74	1.97E-06	1.39E-06	2.35E-07	2.36E-07	2.35E-07	1.74E-07	1.06E-07	4.34E-06	1.41E-06	1.08E-06	1.82E-07	1.83E-07	1.82E-07	1.21E-07	5.32E-08	3.21E-06
963	560828.23	4192371.22	1.92E-06	1.35E-06	2.29E-07	2.30E-07	2.29E-07	1.70E-07	1.03E-07	4.24E-06	1.37E-06	1.06E-06	1.78E-07	1.78E-07	1.78E-07	1.19E-07	5.19E-08	3.13E-06
964	560832.88	4192299.26	1.93E-06	1.36E-06	2.30E-07	2.31E-07	2.30E-07	1.71E-07	1.03E-07	4.25E-06	1.38E-06	1.06E-06	1.78E-07	1.79E-07	1.78E-07	1.19E-07	5.21E-08	3.14E-06
965	560829.27	4192316.75	1.91E-06	1.35E-06	2.28E-07	2.29E-07	2.28E-07	1.69E-07	1.03E-07	4.22E-06	1.37E-06	1.05E-06	1.77E-07	1.78E-07	1.77E-07	1.18E-07	5.17E-08	3.12E-06
966	560825.66	4192334.23	1.89E-06	1.33E-06	2.26E-07	2.26E-07	2.26E-07	1.67E-07	1.01E-07	4.17E-06	1.35E-06	1.04E-						

1009	560746.55	4192272.32	1.24E-06	8.73E-07	1.48E-07	1.48E-07	1.48E-07	1.10E-07	6.64E-08	2.73E-06	8.85E-07	6.80E-07	1.15E-07	1.15E-07	1.15E-07	7.64E-08	3.34E-08	2.02E-06
1010	560742.94	4192289.8	1.23E-06	8.66E-07	1.47E-07	1.47E-07	1.47E-07	1.09E-07	6.59E-08	2.71E-06	8.79E-07	6.75E-07	1.14E-07	1.14E-07	1.14E-07	7.58E-08	3.32E-08	2.00E-06
1011	560739.33	4192307.28	1.21E-06	8.56E-07	1.45E-07	1.45E-07	1.45E-07	1.07E-07	6.51E-08	2.68E-06	8.68E-07	6.67E-07	1.12E-07	1.13E-07	1.12E-07	7.49E-08	3.28E-08	1.98E-06
1012	560735.71	4192324.77	1.19E-06	8.41E-07	1.42E-07	1.43E-07	1.42E-07	1.06E-07	6.40E-08	2.63E-06	8.53E-07	6.55E-07	1.10E-07	1.11E-07	1.10E-07	7.36E-08	3.22E-08	1.95E-06
1013	560732.1	4192342.25	1.17E-06	8.22E-07	1.39E-07	1.40E-07	1.39E-07	1.03E-07	6.26E-08	2.57E-06	8.34E-07	6.41E-07	1.08E-07	1.08E-07	1.08E-07	7.20E-08	3.15E-08	1.90E-06
1014	560736.75	4192270.29	1.18E-06	8.35E-07	1.41E-07	1.42E-07	1.41E-07	1.05E-07	6.35E-08	2.61E-06	8.47E-07	6.50E-07	1.10E-07	1.10E-07	1.10E-07	7.30E-08	3.20E-08	1.93E-06
1015	560733.14	4192287.78	1.18E-06	8.28E-07	1.40E-07	1.41E-07	1.40E-07	1.04E-07	6.30E-08	2.59E-06	8.40E-07	6.45E-07	1.09E-07	1.09E-07	1.09E-07	7.25E-08	3.17E-08	1.92E-06
1016	560729.53	4192305.26	1.16E-06	8.18E-07	1.38E-07	1.39E-07	1.38E-07	1.03E-07	6.22E-08	2.56E-06	8.30E-07	6.37E-07	1.07E-07	1.08E-07	1.07E-07	7.16E-08	3.13E-08	1.89E-06
1017	560725.92	4192322.75	1.14E-06	8.03E-07	1.36E-07	1.36E-07	1.36E-07	1.01E-07	6.11E-08	2.51E-06	8.15E-07	6.26E-07	1.05E-07	1.06E-07	1.05E-07	7.03E-08	3.08E-08	1.86E-06
1018	560722.31	4192340.23	1.11E-06	7.86E-07	1.33E-07	1.33E-07	1.33E-07	9.86E-08	5.98E-08	2.46E-06	7.97E-07	6.12E-07	1.03E-07	1.03E-07	1.03E-07	6.88E-08	3.01E-08	1.82E-06
1019	560726.96	4192268.27	1.13E-06	7.99E-07	1.35E-07	1.36E-07	1.35E-07	1.00E-07	6.08E-08	2.50E-06	8.10E-07	6.22E-07	1.05E-07	1.05E-07	1.05E-07	6.99E-08	3.06E-08	1.85E-06
1020	560723.35	4192285.76	1.12E-06	7.92E-07	1.34E-07	1.35E-07	1.34E-07	9.95E-08	6.03E-08	2.48E-06	8.04E-07	6.17E-07	1.04E-07	1.04E-07	1.04E-07	6.94E-08	3.04E-08	1.83E-06
1021	560719.74	4192303.24	1.11E-06	7.83E-07	1.33E-07	1.33E-07	1.33E-07	9.83E-08	5.96E-08	2.45E-06	7.94E-07	6.10E-07	1.03E-07	1.03E-07	1.03E-07	6.85E-08	3.00E-08	1.81E-06
1022	560716.13	4192320.72	1.09E-06	7.70E-07	1.30E-07	1.31E-07	1.30E-07	9.66E-08	5.86E-08	2.41E-06	7.81E-07	6.00E-07	1.01E-07	1.01E-07	1.01E-07	6.74E-08	2.95E-08	1.78E-06
1023	560712.52	4192338.21	1.07E-06	7.53E-07	1.27E-07	1.28E-07	1.27E-07	9.45E-08	5.73E-08	2.36E-06	7.64E-07	5.87E-07	9.89E-08	9.91E-08	9.89E-08	6.59E-08	2.89E-08	1.74E-06
1024	560717.17	4192266.25	1.09E-06	7.67E-07	1.30E-07	1.30E-07	1.30E-07	9.62E-08	5.83E-08	2.40E-06	7.78E-07	5.97E-07	1.01E-07	1.01E-07	1.01E-07	6.71E-08	2.94E-08	1.77E-06
1025	560713.56	4192283.73	1.08E-06	7.61E-07	1.29E-07	1.29E-07	1.29E-07	9.55E-08	5.79E-08	2.38E-06	7.72E-07	5.93E-07	9.99E-08	1.00E-07	9.99E-08	6.66E-08	2.92E-08	1.76E-06
1026	560709.95	4192301.22	1.07E-06	7.52E-07	1.27E-07	1.28E-07	1.27E-07	9.44E-08	5.72E-08	2.35E-06	7.63E-07	5.86E-07	9.87E-08	9.90E-08	9.87E-08	6.58E-08	2.88E-08	1.74E-06
1027	560706.33	4192318.7	1.05E-06	7.39E-07	1.25E-07	1.25E-07	1.25E-07	9.28E-08	5.62E-08	2.31E-06	7.50E-07	5.76E-07	9.70E-08	9.73E-08	9.70E-08	6.47E-08	2.83E-08	1.71E-06
1028	560702.72	4192336.19	1.03E-06	7.23E-07	1.22E-07	1.23E-07	1.22E-07	9.07E-08	5.50E-08	2.26E-06	7.33E-07	5.63E-07	9.49E-08	9.51E-08	9.49E-08	6.33E-08	2.77E-08	1.67E-06
1029	560873.71	4192396.88	2.63E-06	1.85E-06	3.14E-07	3.15E-07	3.14E-07	2.33E-07	1.41E-07	5.80E-06	1.88E-06	1.44E-06	2.43E-07	2.44E-07	2.43E-07	1.62E-07	7.10E-08	4.29E-06
1030	560863.95	4192394.71	2.44E-06	1.72E-06	2.91E-07	2.92E-07	2.91E-07	2.16E-07	1.31E-07	5.38E-06	1.75E-06	1.34E-06	2.26E-07	2.26E-07	2.26E-07	1.51E-07	6.59E-08	3.98E-06
1031	560860.04	4192412.26	2.34E-06	1.65E-06	2.80E-07	2.80E-07	2.80E-07	2.07E-07	1.26E-07	5.17E-06	1.68E-06	1.29E-06	2.17E-07	2.17E-07	2.17E-07	1.45E-07	6.33E-08	3.82E-06
1032	560856.12	4192429.81	2.23E-06	1.57E-06	2.66E-07	2.67E-07	2.66E-07	1.97E-07	1.20E-07	4.92E-06	1.60E-06	1.23E-06	2.06E-07	2.07E-07	2.06E-07	1.38E-07	6.03E-08	3.64E-06
1033	560854.19	4192392.53	2.27E-06	1.60E-06	2.71E-07	2.72E-07	2.71E-07	2.01E-07	1.22E-07	5.01E-06	1.63E-06	1.25E-06	2.10E-07	2.11E-07	2.10E-07	1.40E-07	6.14E-08	3.71E-06
1034	560850.28	4192410.08	2.18E-06	1.54E-06	2.60E-07	2.61E-07	2.60E-07	1.93E-07	1.17E-07	4.81E-06	1.56E-06	1.20E-06	2.02E-07	2.03E-07	2.02E-07	1.35E-07	5.90E-08	3.56E-06
1035	560846.36	4192427.63	2.08E-06	1.47E-06	2.48E-07	2.49E-07	2.48E-07	1.84E-07	1.12E-07	4.58E-06	1.49E-06	1.14E-06	1.92E-07	1.93E-07	1.92E-07	1.28E-07	5.61E-08	3.39E-06
1036	560844.43	4192390.35	2.12E-06	1.50E-06	2.53E-07	2.54E-07	2.53E-07	1.88E-07	1.14E-07	4.68E-06	1.52E-06	1.17E-06	1.97E-07	1.97E-07	1.97E-07	1.31E-07	5.74E-08	3.46E-06
1037	560842.48	4192399.13	2.08E-06	1.47E-06	2.49E-07	2.49E-07	2.49E-07	1.84E-07	1.12E-07	4.60E-06	1.49E-06	1.14E-06	1.93E-07	1.93E-07	1.93E-07	1.29E-07	5.63E-08	3.40E-06
1038	560838.56	4192416.68	1.99E-06	1.41E-06	2.38E-07	2.39E-07	2.38E-07	1.76E-07	1.07E-07	4.40E-06	1.43E-06	1.09E-06	1.84E-07	1.85E-07	1.84E-07	1.23E-07	5.38E-08	3.25E-06
1039	560834.65	4192434.23	1.89E-06	1.33E-06	2.26E-07	2.26E-07	2.26E-07	1.67E-07	1.01E-07	4.17E-06	1.35E-06	1.04E-06	1.75E-07	1.75E-07	1.75E-07	1.17E-07	5.11E-08	3.08E-06
1040	560834.67	4192388.18	1.99E-06	1.40E-06	2.37E-07	2.38E-07	2.37E-07	1.76E-07	1.07E-07	4.39E-06	1.42E-06	1.09E-06	1.84E-07	1.85E-07	1.84E-07	1.23E-07	5.37E-08	3.25E-06
1041	560830.76	4192405.73	1.91E-06	1.35E-06	2.28E-07	2.29E-07	2.28E-07	1.69E-07	1.03E-07	4.22E-06	1.37E-06	1.05E-06	1.77E-07	1.77E-07	1.77E-07	1.18E-07	5.16E-08	3.12E-06
1042	560826.84	4192423.28	1.82E-06	1.28E-06	2.17E-07	2.18E-07	2.17E-07	1.61E-07	9.77E-08	4.02E-06	1.30E-06	1.00E-06	1.68E-07	1.69E-07	1.68E-07	1.12E-07	4.92E-08	2.97E-06
1043	560824.91	4192386	1.87E-06	1.32E-06	2.23E-07	2.24E-07	2.23E-07	1.65E-07	1.00E-07	4.12E-06	1.34E-06	1.03E-06	1.73E-07	1.73E-07	1.73E-07	1.15E-07	5.05E-08	3.05E-06
1044	560821	4192403.55	1.80E-06	1.27E-06	2.14E-07	2.15E-07	2.14E-07	1.59E-07	9.63E-08	3.96E-06	1.28E-06	9.86E-07	1.66E-07	1.67E-07	1.66E-07	1.11E-07	4.85E-08	2.93E-06
1045	560817.08	4192421.1	1.71E-06	1.21E-06	2.04E-07	2.05E-07	2.04E-07	1.51E-07	9.18E-08	3.77E-06	1.22E-06	9.40E-07	1.58E-07	1.59E-07	1.58E-07	1.06E-07	4.62E-08	2.79E-06
1046	560815.13	4192429.88	1.67E-06	1.17E-06	1.99E-07	1.99E-07	1.99E-07	1.47E-07	8.94E-08	3.67E-06	1.19E-06	9.15E-07	1.54E-07	1.55E-07	1.54E-07	1.03E-07	4.50E-08	2.72E-06
1047	560815.15	4192383.82	1.76E-06	1.24E-06	2.10E-07	2.11E-07	2.10E-07	1.56E-07	9.45E-08	3.88E-06	1.26E-06	9.67E-07	1.63E-07	1.63E-07	1.63E-07	1.09E-07	4.76E-08	2.87E-06
1048	560811.24	4192401.38	1.69E-06	1.19E-06	2.02E-07	2.02E-07	2.02E-07	1.50E-07	9.07E-08	3.73E-06	1.21E-06	9.29E-07	1.57E-07	1.57E-07	1.57E-07	1.04E-07	4.57E-08	2.76E-06
1049	560807.32	4192418.93	1.61E-06	1.14E-06	1.93E-07	1.93E-07	1.93E-07	1.43E-07	8.66E-08	3.56E-06	1.15E-06	8.86E-07	1.49E-07	1.50E-07	1.49E-07	9.95E-08	4.36E-08	2.63E-06
1050	560805.39	4192381.65	1.66E-06	1.17E-06	1.99E-07	1.99E-07	1.99E-07	1.47E-07	8.93E-08	3.67E-06	1.19E-06	9.14E-07	1.54E-07	1.54E-07	1.54E-07	1.03E-07	4.49E-08	2.71E-06
1051	560801.48	4192399.2	1.60E-06	1.13E-06	1.91E-07	1.91E-07	1.91E-07	1.42E-07	8.58E-08	3.53E-06	1.14E-06	8.78E-07	1.48E-07	1.48E-07	1.48E-07	9.87E-08	4.32E-08	2.61E-06
1052	560797.56	4192416.75	1.53E-06	1.08E-06	1.82E-07	1.83E-07	1.82E-07	1.35E-07	8.19E-08	3.37E-06	1.09E-06	8.38E-07	1.41E-07	1.42E-07	1.41E-07	9.41E-08	4.12E-08	2.49E-06
1053	560795.63	4192379.47	1.58E-06	1.11E-06	1.88E-07	1.89E-07	1.88E-07	1.39E-07	8.45E-08	3.48E-06	1.13E-06	8.66E-07	1.46E-07	1.46E-07	1.46E-07	9.72E-08	4.26E-08	2.57E-06
1054	560791.72	4192397.02	1.51E-06	1.07E-06	1.81E-07	1.81E-07	1.81E-07	1.34E-07	8.13E-08	3.34E-06	1.08E-06	8.32E-07	1.40E-07	1.41E-07	1.40E-07	9.35E-08	4.09E-08	2.47E-06
1055	560787.8	4192414.57	1.45E-06	1.02E-06	1.73E-07	1.73E-07	1.73E-07	1.28E-07	7.76E-08	3.19E-06	1.03E-06	7.94E-07	1.34E-07	1.34E-07	1.34E-07	9.82E-08	3.91E-08	2.36E-06
1056	560785.87	4192377.29	1.50E-06	1.05E-06	1.78E-07	1.79E-07	1.78E-07	1.32E-07	8.02E-08	3.30E-06	1.07E-06	8.21E-07	1.38E-07	1.39E-07	1.38E-07	9.22E-08	4.04E-08	2.44E-06
1057	560781.96	4192394.85	1.44E-06	1.01E-06	1.72E-07	1.72E-07	1.72E-07	1.27E-07	7.71E-08	3.17E-06	1.03E-06	7.90E-07	1.33E-07	1.33E-07	1.33E-07	8.87E-08	3.88E-08	2.35E-06
1058	560778.04	4192412.4	1.37E-06	9.68E-07	1.64E-07	1.64E-07	1.64E-07	1.22E-07	7									

1101	560812.1	4192451.74	1.57E-06	1.10E-06	1.87E-07	1.88E-07	1.87E-07	1.39E-07	8.41E-08	3.46E-06	1.12E-06	8.61E-07	1.45E-07	1.45E-07	1.45E-07	9.67E-08	4.23E-08	2.56E-06
1102	560810.58	4192468.15	1.50E-06	1.06E-06	1.79E-07	1.79E-07	1.79E-07	1.32E-07	8.03E-08	3.30E-06	1.07E-06	8.22E-07	1.39E-07	1.39E-07	1.39E-07	9.24E-08	4.04E-08	2.44E-06
1103	560802.17	4192450.77	1.48E-06	1.04E-06	1.76E-07	1.76E-07	1.76E-07	1.31E-07	7.91E-08	3.25E-06	1.05E-06	8.10E-07	1.36E-07	1.37E-07	1.36E-07	9.10E-08	3.98E-08	2.41E-06
1104	560804.3	4192435.39	1.54E-06	1.09E-06	1.84E-07	1.84E-07	1.84E-07	1.36E-07	8.26E-08	3.40E-06	1.10E-06	8.46E-07	1.43E-07	1.43E-07	1.43E-07	9.50E-08	4.16E-08	2.51E-06
1105	560800.6	4192467.59	1.41E-06	9.93E-07	1.68E-07	1.69E-07	1.68E-07	1.25E-07	7.55E-08	3.11E-06	1.01E-06	7.74E-07	1.30E-07	1.31E-07	1.30E-07	8.69E-08	3.80E-08	2.30E-06
1106	560792.24	4192449.81	1.39E-06	9.81E-07	1.66E-07	1.67E-07	1.66E-07	1.23E-07	7.47E-08	3.07E-06	9.95E-07	7.64E-07	1.29E-07	1.29E-07	1.29E-07	8.59E-08	3.76E-08	2.27E-06
1107	560794.48	4192433.62	1.46E-06	1.03E-06	1.74E-07	1.74E-07	1.74E-07	1.29E-07	7.81E-08	3.21E-06	1.04E-06	8.00E-07	1.35E-07	1.35E-07	1.35E-07	8.98E-08	3.93E-08	2.37E-06
1108	560782.31	4192448.85	1.32E-06	9.28E-07	1.57E-07	1.57E-07	1.57E-07	1.16E-07	7.06E-08	2.90E-06	9.41E-07	7.23E-07	1.22E-07	1.22E-07	1.22E-07	8.12E-08	3.56E-08	2.15E-06
1109	560784.67	4192431.85	1.38E-06	9.73E-07	1.65E-07	1.65E-07	1.65E-07	1.22E-07	7.40E-08	3.04E-06	9.87E-07	7.58E-07	1.28E-07	1.28E-07	1.28E-07	8.51E-08	3.73E-08	2.25E-06
1110	560772.39	4192447.89	1.25E-06	8.79E-07	1.49E-07	1.49E-07	1.49E-07	1.10E-07	6.69E-08	2.75E-06	8.92E-07	6.85E-07	1.15E-07	1.16E-07	1.15E-07	7.70E-08	3.37E-08	2.03E-06
1111	560773.62	4192438.98	1.28E-06	9.02E-07	1.53E-07	1.53E-07	1.53E-07	1.13E-07	6.86E-08	2.82E-06	9.15E-07	7.02E-07	1.18E-07	1.19E-07	1.18E-07	7.89E-08	3.45E-08	2.09E-06
1112	560774.85	4192430.08	1.31E-06	9.23E-07	1.56E-07	1.57E-07	1.56E-07	1.16E-07	7.03E-08	2.89E-06	9.37E-07	7.19E-07	1.21E-07	1.22E-07	1.21E-07	8.08E-08	3.54E-08	2.14E-06
1113	560762.2	4192448.78	1.18E-06	8.31E-07	1.41E-07	1.41E-07	1.41E-07	1.04E-07	6.32E-08	2.60E-06	8.43E-07	6.47E-07	1.09E-07	1.09E-07	1.09E-07	7.27E-08	3.18E-08	1.92E-06
1114	560764.26	4192433.89	1.23E-06	8.65E-07	1.46E-07	1.47E-07	1.46E-07	1.09E-07	6.59E-08	2.71E-06	8.78E-07	6.74E-07	1.14E-07	1.14E-07	1.14E-07	7.57E-08	3.32E-08	2.00E-06
1115	560752.26	4192447.9	1.12E-06	7.90E-07	1.34E-07	1.34E-07	1.34E-07	9.92E-08	6.01E-08	2.47E-06	8.02E-07	6.16E-07	1.04E-07	1.04E-07	1.04E-07	6.92E-08	3.03E-08	1.83E-06
1116	560754.41	4192432.36	1.17E-06	8.24E-07	1.40E-07	1.40E-07	1.40E-07	1.03E-07	6.27E-08	2.58E-06	8.36E-07	6.42E-07	1.08E-07	1.08E-07	1.08E-07	7.21E-08	3.16E-08	1.91E-06
1117	560742.32	4192447.02	1.07E-06	7.53E-07	1.27E-07	1.28E-07	1.27E-07	9.45E-08	5.73E-08	2.36E-06	7.64E-07	5.87E-07	9.88E-08	9.91E-08	9.88E-08	6.59E-08	2.89E-08	1.74E-06
1118	560744.56	4192430.83	1.12E-06	7.86E-07	1.33E-07	1.33E-07	1.33E-07	9.87E-08	5.98E-08	2.46E-06	7.98E-07	6.13E-07	1.03E-07	1.03E-07	1.03E-07	6.88E-08	3.01E-08	1.82E-06
1119	560732.38	4192446.14	1.02E-06	7.19E-07	1.22E-07	1.22E-07	1.22E-07	9.02E-08	5.47E-08	2.25E-06	7.29E-07	5.60E-07	9.43E-08	9.46E-08	9.43E-08	6.29E-08	2.75E-08	1.66E-06
1120	560734.71	4192429.3	1.07E-06	7.51E-07	1.27E-07	1.27E-07	1.27E-07	9.43E-08	5.72E-08	2.35E-06	7.62E-07	5.85E-07	9.86E-08	9.89E-08	9.86E-08	6.57E-08	2.88E-08	1.74E-06
1121	560722.44	4192445.26	9.74E-07	6.87E-07	1.16E-07	1.17E-07	1.16E-07	8.62E-08	5.23E-08	2.15E-06	6.97E-07	5.35E-07	9.01E-08	9.04E-08	9.01E-08	6.01E-08	2.63E-08	1.59E-06
1122	560724.86	4192427.77	1.02E-06	7.19E-07	1.22E-07	1.22E-07	1.22E-07	9.02E-08	5.47E-08	2.25E-06	7.29E-07	5.60E-07	9.43E-08	9.46E-08	9.43E-08	6.29E-08	2.75E-08	1.66E-06
1123	560712.29	4192445.89	9.29E-07	6.55E-07	1.11E-07	1.11E-07	1.11E-07	8.22E-08	4.98E-08	2.05E-06	6.64E-07	5.10E-07	8.59E-08	8.62E-08	8.59E-08	5.73E-08	2.51E-08	1.51E-06
1124	560714.38	4192430.78	9.66E-07	6.81E-07	1.15E-07	1.16E-07	1.15E-07	8.54E-08	5.18E-08	2.13E-06	6.90E-07	5.30E-07	8.93E-08	8.96E-08	8.93E-08	5.96E-08	2.61E-08	1.57E-06
1125	560702.35	4192445.06	8.90E-07	6.27E-07	1.06E-07	1.06E-07	1.06E-07	7.87E-08	4.77E-08	1.96E-06	6.36E-07	4.89E-07	8.23E-08	8.26E-08	8.23E-08	5.49E-08	2.40E-08	1.45E-06
1126	560704.51	4192429.41	9.26E-07	6.53E-07	1.10E-07	1.11E-07	1.10E-07	8.19E-08	4.97E-08	2.04E-06	6.62E-07	5.09E-07	8.57E-08	8.59E-08	8.57E-08	5.71E-08	2.50E-08	1.51E-06
1127	560692.4	4192444.23	8.54E-07	6.02E-07	1.02E-07	1.02E-07	1.02E-07	7.55E-08	4.58E-08	1.88E-06	6.10E-07	4.69E-07	7.90E-08	7.92E-08	7.90E-08	5.27E-08	2.31E-08	1.39E-06
1128	560694.64	4192428.04	8.89E-07	6.27E-07	1.06E-07	1.06E-07	1.06E-07	7.87E-08	4.77E-08	1.96E-06	6.36E-07	4.88E-07	8.22E-08	8.25E-08	8.22E-08	5.48E-08	2.40E-08	1.45E-06
1129	560696.88	4192411.85	9.21E-07	6.49E-07	1.10E-07	1.10E-07	1.10E-07	8.15E-08	4.94E-08	2.03E-06	6.59E-07	5.06E-07	8.52E-08	8.55E-08	8.52E-08	5.68E-08	2.49E-08	1.50E-06
1130	560682.45	4192443.41	8.19E-07	5.77E-07	9.77E-08	9.80E-08	9.77E-08	7.25E-08	4.39E-08	1.81E-06	5.86E-07	4.50E-07	7.58E-08	7.60E-08	7.58E-08	5.05E-08	2.21E-08	1.34E-06
1131	560684.77	4192426.68	8.53E-07	6.01E-07	1.02E-07	1.02E-07	1.02E-07	7.55E-08	4.58E-08	1.88E-06	6.10E-07	4.68E-07	7.89E-08	7.91E-08	7.89E-08	5.26E-08	2.30E-08	1.39E-06
1132	561570.52	4192469.82	3.47E-07	2.45E-07	4.14E-08	4.15E-08	4.14E-08	3.07E-08	1.86E-08	7.66E-07	2.48E-07	1.91E-07	3.21E-08	3.22E-08	3.21E-08	2.14E-08	9.38E-09	5.66E-07
1133	561116.53	4192515.88	1.73E-05	1.22E-05	2.07E-06	2.07E-06	2.07E-06	1.53E-06	9.29E-07	3.82E-05	1.24E-05	9.51E-06	1.60E-06	1.61E-06	1.60E-06	1.07E-06	4.68E-07	2.82E-05
1134	561122.24	4192517.22	1.69E-05	1.19E-05	2.02E-06	2.02E-06	2.02E-06	1.49E-06	9.06E-07	3.72E-05	1.21E-05	9.28E-06	1.56E-06	1.57E-06	1.56E-06	1.04E-06	4.56E-07	2.75E-05
1135	561127.38	4192518.55	1.63E-05	1.15E-05	1.95E-06	1.95E-06	1.95E-06	1.45E-06	8.76E-07	3.60E-05	1.17E-05	8.97E-06	1.51E-06	1.52E-06	1.51E-06	1.01E-06	4.41E-07	2.66E-05
1136	561132.34	4192519.69	1.57E-05	1.10E-05	1.87E-06	1.88E-06	1.87E-06	1.39E-06	8.41E-07	3.46E-05	1.12E-05	8.61E-06	1.45E-06	1.45E-06	1.45E-06	9.67E-07	4.23E-07	2.56E-05
1137	561136.53	4192520.84	1.50E-05	1.06E-05	1.79E-06	1.80E-06	1.79E-06	1.33E-06	8.05E-07	3.31E-05	1.07E-05	8.25E-06	1.39E-06	1.39E-06	1.39E-06	9.26E-07	4.06E-07	2.45E-05
1138	561141.67	4192521.79	1.41E-05	9.94E-06	1.68E-06	1.69E-06	1.68E-06	1.25E-06	7.56E-07	3.11E-05	1.01E-05	7.74E-06	1.30E-06	1.31E-06	1.30E-06	8.70E-07	3.81E-07	2.30E-05
1139	561146.43	4192522.74	1.31E-05	9.24E-06	1.56E-06	1.57E-06	1.56E-06	1.16E-06	7.03E-07	2.89E-05	9.38E-06	7.20E-06	1.21E-06	1.22E-06	1.21E-06	8.09E-07	3.54E-07	2.14E-05
1140	561149.48	4192523.69	1.24E-05	8.74E-06	1.48E-06	1.48E-06	1.48E-06	1.10E-06	6.65E-07	2.73E-05	8.87E-06	6.81E-06	1.15E-06	1.15E-06	1.15E-06	7.65E-07	3.35E-07	2.02E-05

		T4iRev							T4fRev							
		3.90E-04	2.98E-04	2.90E-04	2.91E-04	2.90E-04	2.15E-04	1.31E-04	2.79E-04	2.32E-04	2.25E-04	2.26E-04	2.25E-04	1.50E-04	6.57E-05	
UTM X	UTM Y	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	
1	561383.48	4192287.53	1.00E-03	7.65E-04	7.45E-04	7.47E-04	7.45E-04	5.53E-04	3.35E-04	7.16E-04	5.96E-04	5.78E-04	5.80E-04	5.78E-04	3.85E-04	1.69E-04
2	561389.35	4192262.71	9.38E-04	7.16E-04	6.98E-04	7.00E-04	6.98E-04	5.18E-04	3.14E-04	6.71E-04	5.58E-04	5.41E-04	5.43E-04	5.41E-04	3.61E-04	1.58E-04
3	561390.63	4192271.92	9.45E-04	7.21E-04	7.03E-04	7.05E-04	7.03E-04	5.21E-04	3.16E-04	6.75E-04	5.62E-04	5.45E-04	5.46E-04	5.45E-04	3.63E-04	1.59E-04
4	561391.9	4192281.12	9.48E-04	7.24E-04	7.06E-04	7.08E-04	7.06E-04	5.23E-04	3.17E-04	6.78E-04	5.64E-04	5.47E-04	5.49E-04	5.47E-04	3.65E-04	1.60E-04
5	561393.17	4192290.32	9.50E-04	7.25E-04	7.07E-04	7.09E-04	7.07E-04	5.24E-04	3.18E-04	6.80E-04	5.65E-04	5.48E-04	5.50E-04	5.48E-04	3.65E-04	1.60E-04
6	561395.97	4192243.3	8.73E-04	6.67E-04	6.50E-04	6.52E-04	6.50E-04	4.82E-04	2.92E-04	6.25E-04	5.19E-04	5.04E-04	5.05E-04	5.04E-04	3.36E-04	1.47E-04
7	561397.32	4192253.01	8.84E-04	6.75E-04	6.58E-04	6.60E-04	6.58E-04	4.88E-04	2.96E-04	6.32E-04	5.26E-04	5.10E-04	5.12E-04	5.10E-04	3.40E-04	1.49E-04
8	561398.66	4192262.73	8.92E-04	6.81E-04	6.64E-04	6.66E-04	6.64E-04	4.92E-04	2.98E-04	6.38E-04	5.31E-04	5.15E-04	5.16E-04	5.15E-04	3.43E-04	1.50E-04
9	561400.01	4192272.44	8.98E-04	6.85E-04	6.68E-04	6.70E-04	6.68E-04	4.95E-04	3.00E-04	6.42E-04	5.34E-04	5.18E-04	5.20E-04	5.18E-04	3.45E-04	1.51E-04
10	561401.35	4192282.16	9.01E-04	6.88E-04	6.71E-04	6.72E-04	6.71E-04	4.97E-04	3.01E-04	6.45E-04	5.36E-04	5.20E-04	5.21E-04	5.20E-04	3.47E-04	1.52E-04
11	561402.69	4192291.87	9.03E-04	6.89E-04	6.72E-04	6.74E-04	6.72E-04	4.98E-04	3.02E-04	6.46E-04	5.37E-04	5.21E-04	5.22E-04	5.21E-04	3.47E-04	1.52E-04
12	561404.44	4192237.18	8.25E-04	6.30E-04	6.14E-04	6.16E-04	6.14E-04	4.55E-04	2.76E-04	5.90E-04	4.91E-04	4.76E-04	4.78E-04	4.76E-04	3.17E-04	1.39E-04
13	561405.76	4192246.77	8.37E-04	6.39E-04	6.23E-04	6.24E-04	6.23E-04	4.62E-04	2.80E-04	5.98E-04	4.98E-04	4.83E-04	4.84E-04	4.83E-04	3.22E-04	1.41E-04
14	561407.09	4192256.35	8.46E-04	6.45E-04	6.29E-04	6.31E-04	6.29E-04	4.66E-04	2.83E-04	6.05E-04	5.03E-04	4.88E-04	4.89E-04	4.88E-04	3.25E-04	1.42E-04
15	561408.41	4192265.94	8.52E-04	6.50E-04	6.34E-04	6.36E-04	6.34E-04	4.70E-04	2.85E-04	6.09E-04	5.07E-04	4.91E-04	4.93E-04	4.91E-04	3.28E-04	1.43E-04
16	561409.74	4192275.53	8.56E-04	6.53E-04	6.37E-04	6.39E-04	6.37E-04	4.72E-04	2.86E-04	6.12E-04	5.09E-04	4.94E-04	4.95E-04	4.94E-04	3.29E-04	1.44E-04
17	561411.07	4192285.11	8.59E-04	6.55E-04	6.39E-04	6.40E-04	6.39E-04	4.74E-04	2.87E-04	6.14E-04	5.11E-04	4.95E-04	4.97E-04	4.95E-04	3.30E-04	1.45E-04
18	561412.39	4192294.7	8.59E-04	6.56E-04	6.39E-04	6.41E-04	6.39E-04	4.74E-04	2.87E-04	6.15E-04	5.11E-04	4.96E-04	4.97E-04	4.96E-04	3.31E-04	1.45E-04
19	561414.22	4192240.65	7.93E-04	6.05E-04	5.90E-04	5.92E-04	5.90E-04	4.37E-04	2.65E-04	5.67E-04	4.72E-04	4.57E-04	4.59E-04	4.57E-04	3.05E-04	1.34E-04
20	561415.54	4192250.13	8.02E-04	6.12E-04	5.97E-04	5.98E-04	5.97E-04	4.43E-04	2.68E-04	5.74E-04	4.77E-04	4.63E-04	4.64E-04	4.63E-04	3.09E-04	1.35E-04
21	561416.85	4192259.6	8.09E-04	6.18E-04	6.02E-04	6.04E-04	6.02E-04	4.47E-04	2.71E-04	5.79E-04	4.81E-04	4.67E-04	4.68E-04	4.67E-04	3.11E-04	1.36E-04
22	561418.16	4192269.07	8.14E-04	6.22E-04	6.06E-04	6.08E-04	6.06E-04	4.49E-04	2.72E-04	5.82E-04	4.84E-04	4.70E-04	4.71E-04	4.70E-04	3.13E-04	1.37E-04
23	561419.47	4192278.55	8.18E-04	6.24E-04	6.08E-04	6.10E-04	6.08E-04	4.51E-04	2.73E-04	5.85E-04	4.86E-04	4.72E-04	4.73E-04	4.72E-04	3.14E-04	1.38E-04
24	561420.78	4192288.02	8.19E-04	6.25E-04	6.09E-04	6.11E-04	6.09E-04	4.52E-04	2.74E-04	5.86E-04	4.87E-04	4.73E-04	4.74E-04	4.73E-04	3.15E-04	1.38E-04
25	561424	4192244.03	7.62E-04	5.82E-04	5.67E-04	5.69E-04	5.67E-04	4.21E-04	2.55E-04	5.45E-04	4.53E-04	4.40E-04	4.41E-04	4.40E-04	2.93E-04	1.28E-04
26	561425.3	4192253.4	7.70E-04	5.88E-04	5.73E-04	5.74E-04	5.73E-04	4.25E-04	2.58E-04	5.51E-04	4.58E-04	4.44E-04	4.45E-04	4.44E-04	2.96E-04	1.30E-04
27	561426.59	4192262.77	7.76E-04	5.92E-04	5.77E-04	5.79E-04	5.77E-04	4.28E-04	2.59E-04	5.55E-04	4.61E-04	4.48E-04	4.49E-04	4.48E-04	2.98E-04	1.31E-04
28	561356.27	4192417.52	1.30E-03	9.88E-04	9.63E-04	9.66E-04	9.63E-04	7.14E-04	4.33E-04	9.26E-04	7.70E-04	7.47E-04	7.49E-04	7.47E-04	4.98E-04	2.18E-04
29	561366.04	4192419.68	1.20E-03	9.19E-04	8.96E-04	8.99E-04	8.96E-04	6.65E-04	4.03E-04	8.61E-04	7.16E-04	6.95E-04	6.97E-04	6.95E-04	4.63E-04	2.03E-04
30	561375.8	4192421.84	1.12E-03	8.57E-04	8.35E-04	8.38E-04	8.35E-04	6.20E-04	3.76E-04	8.03E-04	6.68E-04	6.48E-04	6.50E-04	6.48E-04	4.32E-04	1.89E-04
31	561385.56	4192424.01	1.05E-03	8.01E-04	7.81E-04	7.83E-04	7.81E-04	5.79E-04	3.51E-04	7.51E-04	6.24E-04	6.06E-04	6.07E-04	6.06E-04	4.04E-04	1.77E-04
32	561405.09	4192428.33	9.24E-04	7.06E-04	6.88E-04	6.90E-04	6.88E-04	5.10E-04	3.09E-04	6.61E-04	5.50E-04	5.33E-04	5.35E-04	5.33E-04	3.56E-04	1.56E-04
33	561116.02	4192791.18	1.65E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	9.12E-04	5.53E-04	1.18E-03	9.84E-04	9.54E-04	9.57E-04	9.54E-04	6.36E-04	2.79E-04
34	561414.85	4192430.5	8.70E-04	6.64E-04	6.47E-04	6.49E-04	6.47E-04	4.80E-04	2.91E-04	6.22E-04	5.17E-04	5.02E-04	5.03E-04	5.02E-04	3.35E-04	1.46E-04
35	561122.51	4192799.55	1.57E-03	1.20E-03	1.17E-03	1.17E-03	1.17E-03	8.68E-04	5.26E-04	1.13E-03	9.36E-04	9.08E-04	9.11E-04	9.08E-04	6.05E-04	2.65E-04
36	561424.61	4192432.66	8.19E-04	6.25E-04	6.09E-04	6.11E-04	6.09E-04	4.52E-04	2.74E-04	5.86E-04	4.87E-04	4.72E-04	4.74E-04	4.72E-04	3.15E-04	1.38E-04
37	561150.66	4192804.85	1.47E-03	1.12E-03	1.10E-03	1.10E-03	1.10E-03	8.12E-04	4.92E-04	1.05E-03	8.76E-04	8.49E-04	8.52E-04	8.49E-04	5.66E-04	2.48E-04
38	561140.93	4192806.23	1.49E-03	1.13E-03	1.11E-03	1.11E-03	1.11E-03	8.20E-04	4.97E-04	1.06E-03	8.84E-04	8.58E-04	8.60E-04	8.58E-04	5.72E-04	2.50E-04
39	561131.19	4192807.61	1.50E-03	1.14E-03	1.11E-03	1.12E-03	1.11E-03	8.26E-04	5.01E-04	1.07E-03	8.91E-04	8.64E-04	8.66E-04	8.64E-04	5.76E-04	2.52E-04
40	561121.46	4192808.98	1.50E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	8.30E-04	5.03E-04	1.08E-03	8.95E-04	8.68E-04	8.71E-04	8.68E-04	5.79E-04	2.53E-04
41	561111.73	4192810.36	1.51E-03	1.15E-03	1.12E-03	1.13E-03	1.12E-03	8.33E-04	5.05E-04	1.08E-03	8.97E-04	8.71E-04	8.73E-04	8.71E-04	5.80E-04	2.54E-04
42	561432.25	4192444.45	7.77E-04	5.93E-04	5.78E-04	5.79E-04	5.78E-04	4.28E-04	2.60E-04	5.55E-04	4.62E-04	4.48E-04	4.49E-04	4.48E-04	2.99E-04	1.31E-04
43	561434.38	4192434.83	7.72E-04	5.89E-04	5.74E-04	5.76E-04	5.74E-04	4.26E-04	2.58E-04	5.52E-04	4.59E-04	4.45E-04	4.47E-04	4.45E-04	2.97E-04	1.30E-04
44	561166.68	4192811.87	1.38E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	7.63E-04	4.63E-04	9.89E-04	8.23E-04	7.98E-04	8.00E-04	7.98E-04	5.32E-04	2.33E-04
45	561157.04	4192813.24	1.40E-03	1.07E-03	1.04E-03	1.05E-03	1.04E-03	7.73E-04	4.69E-04	1.00E-03	8.33E-04	8.08E-04	8.11E-04	8.08E-04	5.39E-04	2.36E-04
46	561147.4	4192814.6	1.42E-03	1.08E-03	1.05E-03	1.06E-03	1.05E-03	7.81E-04	4.74E-04	1.01E-03	8.42E-04	8.17E-04	8.19E-04	8.17E-04	5.45E-04	2.38E-04
47	561137.76	4192815.96	1.43E-03	1.09E-03	1.06E-03	1.06E-03	1.06E-03	7.88E-04	4.77E-04	1.02E-03	8.49E-04	8.23E-04	8.26E-04	8.23E-04	5.49E-04	2.40E-04
48	561128.12	4192817.33	1.44E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.92E-04	4.80E-04	1.03E-03	8.54E-04	8.28E-04	8.31E-04	8.28E-04	5.52E-04	2.42E-04
49	561118.49	4192818.69	1.44E-03	1.10E-03	1.07E-03	1.08E-03	1.07E-03	7.95E-04	4.82E-04	1.03E-03	8.57E-04	8.31E-04	8.34E-04	8.31E-04	5.54E-04	2.43E-04
50	561422.82	4192533.18	7.48E-04	5.71E-04	5.56E-04	5.58E-04	5.56E-04	4.13E-04	2.50E-04	5.35E-04	4.45E-04	4.31E-04	4.33E-04	4.31E-04	2.88E-04	1.26E-04
51	561424.95	4192523.56	7.47E-04	5.70E-04	5.56E-04	5.57E-04	5.56E-04	4.12E-04	2.50E-04	5.34E-04	4.44E-04	4.31E-04	4.32E-04	4.31E-04	2.87E-04	1.26E-04
52	561442.01	4192446.61	7.33E-04	5.59E-04	5.45E-04	5.47E-04	5.45E-04	4.04E-04	2.45E-04	5.24E-04	4.36E-04	4.23E-04	4.24E-04	4.23E-04	2.82E-04	1.23E-04
53	561444.14	4192436.99	7.29E-04	5.57E-04	5.42E-04	5.44E-04	5.42E-04	4.02E-04	2.44E-04	5.21E-04	4.34E-04	4.21E-04	4.22E-04	4.21E-04	2.80E-04	1.23E-04
54	561182.43	4192818.93	1.30E-03	9.89E-04	9.64E-04	9.67E-04	9.64E-04									

80	561463.67	4192441.32	6.55E-04	5.00E-04	4.87E-04	4.88E-04	4.87E-04	3.61E-04	2.19E-04	4.68E-04	3.89E-04	3.78E-04	3.79E-04	3.78E-04	2.52E-04	1.10E-04
81	561241.45	4192829.16	1.05E-03	7.98E-04	7.78E-04	7.80E-04	7.78E-04	5.77E-04	3.50E-04	7.47E-04	6.22E-04	6.03E-04	6.05E-04	6.03E-04	4.02E-04	1.76E-04
82	561232.04	4192830.49	1.07E-03	8.20E-04	8.00E-04	8.02E-04	8.00E-04	5.93E-04	3.59E-04	7.69E-04	6.39E-04	6.20E-04	6.22E-04	6.20E-04	4.13E-04	1.81E-04
83	561222.63	4192831.82	1.10E-03	8.42E-04	8.21E-04	8.23E-04	8.21E-04	6.09E-04	3.69E-04	7.89E-04	6.56E-04	6.36E-04	6.38E-04	6.36E-04	4.24E-04	1.86E-04
84	561213.23	4192833.15	1.13E-03	8.62E-04	8.40E-04	8.43E-04	8.40E-04	6.23E-04	3.78E-04	8.08E-04	6.72E-04	6.52E-04	6.53E-04	6.52E-04	4.35E-04	1.90E-04
85	561203.82	4192834.48	1.15E-03	8.81E-04	8.59E-04	8.61E-04	8.59E-04	6.37E-04	3.86E-04	8.26E-04	6.87E-04	6.66E-04	6.68E-04	6.66E-04	4.44E-04	1.94E-04
86	561185	4192837.14	1.20E-03	9.14E-04	8.91E-04	8.94E-04	8.91E-04	6.61E-04	4.01E-04	8.57E-04	7.12E-04	6.91E-04	6.93E-04	6.91E-04	4.61E-04	2.02E-04
87	561175.6	4192838.47	1.22E-03	9.28E-04	9.04E-04	9.07E-04	9.04E-04	6.71E-04	4.07E-04	8.69E-04	7.23E-04	7.01E-04	7.03E-04	7.01E-04	4.68E-04	2.05E-04
88	561166.19	4192839.8	1.23E-03	9.39E-04	9.16E-04	9.18E-04	9.16E-04	6.79E-04	4.12E-04	8.80E-04	7.32E-04	7.10E-04	7.12E-04	7.10E-04	4.73E-04	2.07E-04
89	561156.78	4192841.13	1.24E-03	9.49E-04	9.25E-04	9.27E-04	9.25E-04	6.86E-04	4.16E-04	8.89E-04	7.39E-04	7.17E-04	7.19E-04	7.17E-04	4.78E-04	2.09E-04
90	561147.37	4192842.46	1.25E-03	9.57E-04	9.32E-04	9.35E-04	9.32E-04	6.91E-04	4.19E-04	8.96E-04	7.45E-04	7.23E-04	7.25E-04	7.23E-04	4.82E-04	2.11E-04
91	561137.97	4192843.79	1.26E-03	9.62E-04	9.38E-04	9.41E-04	9.38E-04	6.96E-04	4.22E-04	9.02E-04	7.50E-04	7.27E-04	7.29E-04	7.27E-04	4.85E-04	2.12E-04
92	561128.56	4192845.12	1.27E-03	9.67E-04	9.42E-04	9.45E-04	9.42E-04	6.99E-04	4.24E-04	9.06E-04	7.53E-04	7.30E-04	7.33E-04	7.30E-04	4.87E-04	2.13E-04
93	561119.15	4192846.45	1.27E-03	9.69E-04	9.44E-04	9.47E-04	9.44E-04	7.00E-04	4.25E-04	9.08E-04	7.55E-04	7.32E-04	7.34E-04	7.32E-04	4.88E-04	2.14E-04
94	561109.74	4192847.78	1.27E-03	9.70E-04	9.45E-04	9.48E-04	9.45E-04	7.01E-04	4.25E-04	9.09E-04	7.56E-04	7.33E-04	7.35E-04	7.33E-04	4.89E-04	2.14E-04
95	561452.11	4192539.68	6.38E-04	4.87E-04	4.74E-04	4.76E-04	4.74E-04	3.52E-04	2.13E-04	4.56E-04	3.79E-04	3.68E-04	3.69E-04	3.68E-04	2.45E-04	1.07E-04
96	561454.24	4192530.06	6.36E-04	4.86E-04	4.73E-04	4.75E-04	4.73E-04	3.51E-04	2.13E-04	4.55E-04	3.78E-04	3.67E-04	3.68E-04	3.67E-04	2.45E-04	1.07E-04
97	561471.3	4192453.1	6.24E-04	4.76E-04	4.64E-04	4.65E-04	4.64E-04	3.44E-04	2.09E-04	4.46E-04	3.71E-04	3.60E-04	3.61E-04	3.60E-04	2.40E-04	1.05E-04
98	561473.43	4192443.48	6.21E-04	4.74E-04	4.62E-04	4.64E-04	4.62E-04	3.43E-04	2.08E-04	4.44E-04	3.70E-04	3.58E-04	3.59E-04	3.58E-04	2.39E-04	1.05E-04
99	561264.15	4192835.23	9.45E-04	7.21E-04	7.03E-04	7.05E-04	7.03E-04	5.21E-04	3.16E-04	6.76E-04	5.62E-04	5.45E-04	5.47E-04	5.45E-04	3.63E-04	1.59E-04
100	561254.42	4192836.61	9.75E-04	7.44E-04	7.26E-04	7.28E-04	7.26E-04	5.38E-04	3.26E-04	6.97E-04	5.80E-04	5.63E-04	5.64E-04	5.63E-04	3.75E-04	1.64E-04
101	561244.68	4192837.98	1.01E-03	7.67E-04	7.48E-04	7.50E-04	7.48E-04	5.55E-04	3.36E-04	7.19E-04	5.98E-04	5.80E-04	5.82E-04	5.80E-04	3.87E-04	1.69E-04
102	561234.95	4192839.36	1.03E-03	7.89E-04	7.69E-04	7.71E-04	7.69E-04	5.71E-04	3.46E-04	7.40E-04	6.15E-04	5.97E-04	5.98E-04	5.97E-04	3.98E-04	1.74E-04
103	561225.22	4192840.74	1.06E-03	8.10E-04	7.90E-04	7.92E-04	7.90E-04	5.86E-04	3.55E-04	7.59E-04	6.31E-04	6.12E-04	6.14E-04	6.12E-04	4.08E-04	1.79E-04
104	561215.49	4192842.11	1.09E-03	8.30E-04	8.09E-04	8.11E-04	8.09E-04	6.00E-04	3.64E-04	7.78E-04	6.47E-04	6.27E-04	6.29E-04	6.27E-04	4.18E-04	1.83E-04
105	561205.76	4192843.49	1.11E-03	8.48E-04	8.27E-04	8.29E-04	8.27E-04	6.13E-04	3.72E-04	7.95E-04	6.61E-04	6.41E-04	6.43E-04	6.41E-04	4.28E-04	1.87E-04
106	561196.02	4192844.87	1.13E-03	8.65E-04	8.43E-04	8.46E-04	8.43E-04	6.25E-04	3.79E-04	8.11E-04	6.74E-04	6.54E-04	6.56E-04	6.54E-04	4.36E-04	1.91E-04
107	561176.56	4192847.62	1.17E-03	8.93E-04	8.71E-04	8.73E-04	8.71E-04	6.46E-04	3.91E-04	8.37E-04	6.96E-04	6.75E-04	6.77E-04	6.75E-04	4.50E-04	1.97E-04
108	561166.83	4192849	1.18E-03	9.04E-04	8.81E-04	8.84E-04	8.81E-04	6.54E-04	3.96E-04	8.47E-04	7.04E-04	6.83E-04	6.85E-04	6.83E-04	4.56E-04	1.99E-04
109	561157.1	4192850.37	1.20E-03	9.13E-04	8.90E-04	8.92E-04	8.90E-04	6.60E-04	4.00E-04	8.55E-04	7.11E-04	6.90E-04	6.92E-04	6.90E-04	4.60E-04	2.01E-04
110	561147.36	4192851.75	1.21E-03	9.20E-04	8.97E-04	8.99E-04	8.97E-04	6.65E-04	4.03E-04	8.62E-04	7.17E-04	6.95E-04	6.97E-04	6.95E-04	4.64E-04	2.03E-04
111	561137.63	4192853.13	1.21E-03	9.25E-04	9.02E-04	9.04E-04	9.02E-04	6.69E-04	4.05E-04	8.67E-04	7.21E-04	6.99E-04	7.01E-04	6.99E-04	4.66E-04	2.04E-04
112	561127.9	4192854.5	1.22E-03	9.29E-04	9.05E-04	9.08E-04	9.05E-04	6.71E-04	4.07E-04	8.70E-04	7.24E-04	7.02E-04	7.04E-04	7.02E-04	4.68E-04	2.05E-04
113	561118.17	4192855.88	1.22E-03	9.31E-04	9.07E-04	9.10E-04	9.07E-04	6.73E-04	4.08E-04	8.72E-04	7.25E-04	7.04E-04	7.06E-04	7.04E-04	4.69E-04	2.05E-04
114	561461.87	4192541.84	6.07E-04	4.63E-04	4.51E-04	4.52E-04	4.51E-04	3.35E-04	2.03E-04	4.34E-04	3.61E-04	3.50E-04	3.51E-04	3.50E-04	2.33E-04	1.02E-04
115	561464	4192532.22	6.05E-04	4.62E-04	4.50E-04	4.51E-04	4.50E-04	3.34E-04	2.02E-04	4.32E-04	3.60E-04	3.49E-04	3.50E-04	3.49E-04	2.33E-04	1.02E-04
116	561476.8	4192474.5	5.96E-04	4.55E-04	4.43E-04	4.44E-04	4.43E-04	3.29E-04	1.99E-04	4.26E-04	3.54E-04	3.44E-04	3.45E-04	3.44E-04	2.29E-04	1.00E-04
117	561481.06	4192455.26	5.92E-04	4.52E-04	4.41E-04	4.42E-04	4.41E-04	3.27E-04	1.98E-04	4.24E-04	3.52E-04	3.42E-04	3.43E-04	3.42E-04	2.28E-04	9.98E-05
118	561483.19	4192445.64	5.91E-04	4.51E-04	4.39E-04	4.41E-04	4.39E-04	3.26E-04	1.98E-04	4.22E-04	3.51E-04	3.41E-04	3.42E-04	3.41E-04	2.27E-04	9.95E-05
119	561269.64	4192843.74	9.04E-04	6.90E-04	6.72E-04	6.74E-04	6.72E-04	4.99E-04	3.02E-04	6.46E-04	5.37E-04	5.21E-04	5.23E-04	5.21E-04	3.48E-04	1.52E-04
120	561259.99	4192845.11	9.32E-04	7.12E-04	6.94E-04	6.96E-04	6.94E-04	5.14E-04	3.12E-04	6.67E-04	5.55E-04	5.38E-04	5.39E-04	5.38E-04	3.59E-04	1.57E-04
121	561250.33	4192846.47	9.61E-04	7.33E-04	7.15E-04	7.17E-04	7.15E-04	5.30E-04	3.21E-04	6.87E-04	5.71E-04	5.54E-04	5.56E-04	5.54E-04	3.70E-04	1.62E-04
122	561240.68	4192847.84	9.88E-04	7.54E-04	7.35E-04	7.37E-04	7.35E-04	5.45E-04	3.30E-04	7.07E-04	5.88E-04	5.70E-04	5.72E-04	5.70E-04	3.80E-04	1.66E-04
123	561231.02	4192849.2	1.01E-03	7.74E-04	7.55E-04	7.57E-04	7.55E-04	5.60E-04	3.39E-04	7.25E-04	6.03E-04	5.85E-04	5.87E-04	5.85E-04	3.90E-04	1.71E-04
124	561221.37	4192850.57	1.04E-03	7.93E-04	7.73E-04	7.75E-04	7.73E-04	5.73E-04	3.47E-04	7.43E-04	6.18E-04	5.99E-04	6.01E-04	5.99E-04	4.00E-04	1.75E-04
125	561211.71	4192851.93	1.06E-03	8.11E-04	7.90E-04	7.92E-04	7.90E-04	5.86E-04	3.55E-04	7.59E-04	6.32E-04	6.13E-04	6.14E-04	6.13E-04	4.09E-04	1.79E-04
126	561202.06	4192853.3	1.08E-03	8.27E-04	8.06E-04	8.08E-04	8.06E-04	5.98E-04	3.62E-04	7.75E-04	6.44E-04	6.25E-04	6.27E-04	6.25E-04	4.17E-04	1.82E-04
127	561173.1	4192857.4	1.13E-03	8.65E-04	8.43E-04	8.46E-04	8.43E-04	6.25E-04	3.79E-04	8.11E-04	6.74E-04	6.54E-04	6.56E-04	6.54E-04	4.36E-04	1.91E-04
128	561163.44	4192858.76	1.15E-03	8.74E-04	8.52E-04	8.55E-04	8.52E-04	6.32E-04	3.83E-04	8.19E-04	6.81E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
129	561153.79	4192860.13	1.16E-03	8.82E-04	8.59E-04	8.62E-04	8.59E-04	6.37E-04	3.86E-04	8.26E-04	6.87E-04	6.66E-04	6.68E-04	6.66E-04	4.44E-04	1.95E-04
130	561144.14	4192861.49	1.16E-03	8.87E-04	8.65E-04	8.67E-04	8.65E-04	6.41E-04	3.89E-04	8.31E-04	6.91E-04	6.71E-04	6.73E-04	6.71E-04	4.47E-04	1.96E-04
131	561134.48	4192862.86	1.17E-03	8.91E-04	8.69E-04	8.71E-04	8.69E-04	6.44E-04	3.91E-04	8.35E-04	6.95E-04	6.74E-04	6.76E-04	6.74E-04	4.49E-04	1.97E-04
132	561325.61	4192377.76	1.64E-03	1.25E-03	1.22E-03	1.22E-03	1.22E-03	9.03E-04	5.48E-04	1.17E-03	9.74E-04	9.45E-04	9.47E-04	9.45E-04	6.30E-04	2.76E-04
133	561328.03	4192368.66	1.59E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	8.79E-04	5.33E-04	1.14E-03	9.48E-04	9.19E-04	9.22E-04	9.19E-04	6.13E-04	2.68E-04
134	561330.45	4192359.56	1.55E-03	1.18E-03	1.15E-03	1.16E-03	1.15E-03	8.55E-04	5.19E-04	1.11E-03	9.22E-04	8.94E-04	8.97E-04	8.94E-04	5.96E-04	2.61E-04
135	561335.28	4192380.33	1.51E-03	1.16E-03	1.13E-03	1.13E-03	1.13E-03	8.36E-04	5.07E-04	1.0						

163	561386.04	4192345.13	1.03E-03	7.87E-04	7.67E-04	7.69E-04	7.67E-04	5.69E-04	3.45E-04	7.38E-04	6.13E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
164	561388.46	4192336.03	1.01E-03	7.71E-04	7.51E-04	7.54E-04	7.51E-04	5.57E-04	3.38E-04	7.22E-04	6.01E-04	5.83E-04	5.84E-04	5.83E-04	3.89E-04	1.70E-04
165	561390.88	4192326.93	9.90E-04	7.55E-04	7.36E-04	7.38E-04	7.36E-04	5.46E-04	3.31E-04	7.08E-04	5.88E-04	5.71E-04	5.72E-04	5.71E-04	3.81E-04	1.67E-04
166	561393.3	4192317.83	9.70E-04	7.40E-04	7.21E-04	7.23E-04	7.21E-04	5.35E-04	3.24E-04	6.93E-04	5.77E-04	5.59E-04	5.61E-04	5.59E-04	3.73E-04	1.63E-04
167	561378.75	4192411.39	1.10E-03	8.42E-04	8.21E-04	8.23E-04	8.21E-04	6.09E-04	3.69E-04	7.89E-04	6.56E-04	6.37E-04	6.38E-04	6.37E-04	4.25E-04	1.86E-04
168	561381.17	4192402.29	1.09E-03	8.29E-04	8.08E-04	8.10E-04	8.08E-04	5.99E-04	3.63E-04	7.77E-04	6.46E-04	6.27E-04	6.28E-04	6.27E-04	4.18E-04	1.83E-04
169	561383.6	4192393.19	1.07E-03	8.15E-04	7.95E-04	7.97E-04	7.95E-04	5.89E-04	3.57E-04	7.64E-04	6.35E-04	6.16E-04	6.18E-04	6.16E-04	4.11E-04	1.80E-04
170	561386.02	4192384.09	1.05E-03	8.02E-04	7.82E-04	7.84E-04	7.82E-04	5.80E-04	3.51E-04	7.51E-04	6.25E-04	6.06E-04	6.08E-04	6.06E-04	4.04E-04	1.77E-04
171	561388.44	4192374.99	1.03E-03	7.88E-04	7.68E-04	7.70E-04	7.68E-04	5.69E-04	3.45E-04	7.38E-04	6.14E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
172	561390.86	4192365.89	1.01E-03	7.73E-04	7.54E-04	7.56E-04	7.54E-04	5.59E-04	3.39E-04	7.25E-04	6.03E-04	5.85E-04	5.86E-04	5.85E-04	3.90E-04	1.71E-04
173	561393.28	4192356.79	9.94E-04	7.58E-04	7.39E-04	7.41E-04	7.39E-04	5.48E-04	3.32E-04	7.11E-04	5.91E-04	5.73E-04	5.75E-04	5.73E-04	3.82E-04	1.67E-04
174	561395.7	4192347.7	9.74E-04	7.44E-04	7.25E-04	7.27E-04	7.25E-04	5.38E-04	3.26E-04	6.97E-04	5.79E-04	5.62E-04	5.64E-04	5.62E-04	3.75E-04	1.64E-04
175	561398.12	4192338.6	9.56E-04	7.29E-04	7.11E-04	7.13E-04	7.11E-04	5.27E-04	3.20E-04	6.83E-04	5.68E-04	5.51E-04	5.53E-04	5.51E-04	3.68E-04	1.61E-04
176	561400.54	4192329.5	9.37E-04	7.15E-04	6.97E-04	6.99E-04	6.97E-04	5.17E-04	3.13E-04	6.70E-04	5.57E-04	5.41E-04	5.42E-04	5.41E-04	3.61E-04	1.58E-04
177	561402.96	4192320.4	9.20E-04	7.02E-04	6.84E-04	6.86E-04	6.84E-04	5.07E-04	3.08E-04	6.58E-04	5.47E-04	5.31E-04	5.32E-04	5.31E-04	3.54E-04	1.55E-04
178	561407.75	4192419.1	9.13E-04	6.97E-04	6.79E-04	6.81E-04	6.79E-04	5.04E-04	3.05E-04	6.53E-04	5.43E-04	5.27E-04	5.28E-04	5.27E-04	3.51E-04	1.54E-04
179	561410.17	4192410	9.02E-04	6.89E-04	6.71E-04	6.73E-04	6.71E-04	4.98E-04	3.02E-04	6.45E-04	5.37E-04	5.20E-04	5.22E-04	5.20E-04	3.47E-04	1.52E-04
180	561412.59	4192400.9	8.91E-04	6.80E-04	6.63E-04	6.64E-04	6.63E-04	4.91E-04	2.98E-04	6.37E-04	5.30E-04	5.14E-04	5.15E-04	5.14E-04	3.43E-04	1.50E-04
181	561415.01	4192391.8	8.79E-04	6.71E-04	6.54E-04	6.56E-04	6.54E-04	4.85E-04	2.94E-04	6.28E-04	5.23E-04	5.07E-04	5.08E-04	5.07E-04	3.38E-04	1.48E-04
182	561417.43	4192382.71	8.67E-04	6.62E-04	6.45E-04	6.47E-04	6.45E-04	4.78E-04	2.90E-04	6.20E-04	5.15E-04	5.00E-04	5.01E-04	5.00E-04	3.33E-04	1.46E-04
183	561419.85	4192373.61	8.54E-04	6.52E-04	6.36E-04	6.37E-04	6.36E-04	4.71E-04	2.86E-04	6.11E-04	5.08E-04	4.93E-04	4.94E-04	4.93E-04	3.29E-04	1.44E-04
184	561422.27	4192364.51	8.42E-04	6.42E-04	6.26E-04	6.28E-04	6.26E-04	4.64E-04	2.81E-04	6.02E-04	5.00E-04	4.85E-04	4.87E-04	4.85E-04	3.24E-04	1.42E-04
185	561424.69	4192355.41	8.28E-04	6.32E-04	6.16E-04	6.18E-04	6.16E-04	4.57E-04	2.77E-04	5.92E-04	4.93E-04	4.78E-04	4.79E-04	4.78E-04	3.19E-04	1.40E-04
186	561427.11	4192346.31	8.16E-04	6.22E-04	6.07E-04	6.08E-04	6.07E-04	4.50E-04	2.73E-04	5.83E-04	4.85E-04	4.70E-04	4.72E-04	4.70E-04	3.14E-04	1.37E-04
187	561429.53	4192337.21	8.03E-04	6.13E-04	5.97E-04	5.99E-04	5.97E-04	4.43E-04	2.69E-04	5.74E-04	4.78E-04	4.63E-04	4.64E-04	4.63E-04	3.09E-04	1.35E-04
188	561431.95	4192328.11	7.91E-04	6.04E-04	5.88E-04	5.90E-04	5.88E-04	4.36E-04	2.65E-04	5.66E-04	4.70E-04	4.56E-04	4.58E-04	4.56E-04	3.04E-04	1.33E-04
189	561417.41	4192421.67	8.60E-04	6.56E-04	6.40E-04	6.42E-04	6.40E-04	4.75E-04	2.88E-04	6.15E-04	5.11E-04	4.96E-04	4.98E-04	4.96E-04	3.31E-04	1.45E-04
190	561419.83	4192412.57	8.51E-04	6.49E-04	6.33E-04	6.35E-04	6.33E-04	4.69E-04	2.85E-04	6.08E-04	5.06E-04	4.91E-04	4.92E-04	4.91E-04	3.27E-04	1.43E-04
191	561422.25	4192403.47	8.41E-04	6.42E-04	6.25E-04	6.27E-04	6.25E-04	4.64E-04	2.81E-04	6.01E-04	5.00E-04	4.85E-04	4.86E-04	4.85E-04	3.23E-04	1.42E-04
192	561424.67	4192394.37	8.30E-04	6.34E-04	6.18E-04	6.20E-04	6.18E-04	4.58E-04	2.78E-04	5.94E-04	4.94E-04	4.79E-04	4.80E-04	4.79E-04	3.19E-04	1.40E-04
193	561427.09	4192385.28	8.20E-04	6.26E-04	6.10E-04	6.12E-04	6.10E-04	4.52E-04	2.74E-04	5.86E-04	4.88E-04	4.73E-04	4.74E-04	4.73E-04	3.15E-04	1.38E-04
194	561429.51	4192376.18	8.09E-04	6.18E-04	6.02E-04	6.04E-04	6.02E-04	4.46E-04	2.71E-04	5.79E-04	4.81E-04	4.67E-04	4.68E-04	4.67E-04	3.11E-04	1.36E-04
195	561431.93	4192367.08	7.98E-04	6.09E-04	5.94E-04	5.95E-04	5.94E-04	4.40E-04	2.67E-04	5.71E-04	4.75E-04	4.60E-04	4.62E-04	4.60E-04	3.07E-04	1.34E-04
196	561434.35	4192357.98	7.87E-04	6.00E-04	5.85E-04	5.87E-04	5.85E-04	4.34E-04	2.63E-04	5.63E-04	4.68E-04	4.54E-04	4.55E-04	4.54E-04	3.03E-04	1.32E-04
197	561436.78	4192348.88	7.75E-04	5.92E-04	5.77E-04	5.78E-04	5.77E-04	4.28E-04	2.59E-04	5.54E-04	4.61E-04	4.47E-04	4.48E-04	4.47E-04	2.98E-04	1.31E-04
198	561439.2	4192339.78	7.64E-04	5.83E-04	5.69E-04	5.70E-04	5.69E-04	4.22E-04	2.56E-04	5.46E-04	4.54E-04	4.41E-04	4.42E-04	4.41E-04	2.94E-04	1.29E-04
199	561441.62	4192330.69	7.54E-04	5.75E-04	5.61E-04	5.62E-04	5.61E-04	4.16E-04	2.52E-04	5.39E-04	4.48E-04	4.35E-04	4.36E-04	4.35E-04	2.90E-04	1.27E-04
200	561429.49	4192415.14	8.03E-04	6.13E-04	5.97E-04	5.99E-04	5.97E-04	4.43E-04	2.69E-04	5.74E-04	4.78E-04	4.63E-04	4.64E-04	4.63E-04	3.09E-04	1.35E-04
201	561431.91	4192406.04	7.95E-04	6.07E-04	5.91E-04	5.93E-04	5.91E-04	4.38E-04	2.66E-04	5.68E-04	4.73E-04	4.58E-04	4.60E-04	4.58E-04	3.06E-04	1.34E-04
202	561434.34	4192396.95	7.86E-04	6.00E-04	5.85E-04	5.86E-04	5.85E-04	4.34E-04	2.63E-04	5.62E-04	4.67E-04	4.53E-04	4.55E-04	4.53E-04	3.02E-04	1.32E-04
203	561436.76	4192387.85	7.77E-04	5.93E-04	5.78E-04	5.79E-04	5.78E-04	4.29E-04	2.60E-04	5.56E-04	4.62E-04	4.48E-04	4.49E-04	4.48E-04	2.99E-04	1.31E-04
204	561439.18	4192378.75	7.67E-04	5.86E-04	5.71E-04	5.72E-04	5.71E-04	4.23E-04	2.57E-04	5.49E-04	4.56E-04	4.43E-04	4.44E-04	4.43E-04	2.95E-04	1.29E-04
205	561441.6	4192369.65	7.57E-04	5.78E-04	5.64E-04	5.65E-04	5.64E-04	4.18E-04	2.53E-04	5.42E-04	4.50E-04	4.37E-04	4.38E-04	4.37E-04	2.91E-04	1.28E-04
206	561444.02	4192360.55	7.48E-04	5.71E-04	5.56E-04	5.58E-04	5.56E-04	4.12E-04	2.50E-04	5.35E-04	4.45E-04	4.31E-04	4.32E-04	4.31E-04	2.88E-04	1.26E-04
207	561446.44	4192351.45	7.38E-04	5.63E-04	5.49E-04	5.50E-04	5.49E-04	4.07E-04	2.47E-04	5.28E-04	4.39E-04	4.26E-04	4.27E-04	4.26E-04	2.84E-04	1.24E-04
208	561448.86	4192342.36	7.28E-04	5.56E-04	5.42E-04	5.43E-04	5.42E-04	4.02E-04	2.44E-04	5.21E-04	4.33E-04	4.20E-04	4.21E-04	4.20E-04	2.80E-04	1.23E-04
209	561451.28	4192333.26	7.19E-04	5.49E-04	5.35E-04	5.37E-04	5.35E-04	3.97E-04	2.41E-04	5.14E-04	4.28E-04	4.15E-04	4.16E-04	4.15E-04	2.77E-04	1.21E-04
210	561439.16	4192417.71	7.59E-04	5.79E-04	5.64E-04	5.66E-04	5.64E-04	4.19E-04	2.54E-04	5.43E-04	4.51E-04	4.38E-04	4.39E-04	4.38E-04	2.92E-04	1.28E-04
211	561441.58	4192408.62	7.52E-04	5.74E-04	5.59E-04	5.61E-04	5.59E-04	4.15E-04	2.51E-04	5.38E-04	4.47E-04	4.34E-04	4.35E-04	4.34E-04	2.89E-04	1.27E-04
212	561444	4192399.52	7.45E-04	5.69E-04	5.54E-04	5.56E-04	5.54E-04	4.11E-04	2.49E-04	5.33E-04	4.43E-04	4.30E-04	4.31E-04	4.30E-04	2.86E-04	1.25E-04
213	561446.42	4192390.42	7.37E-04	5.62E-04	5.48E-04	5.50E-04	5.48E-04	4.07E-04	2.46E-04	5.27E-04	4.38E-04	4.25E-04	4.26E-04	4.25E-04	2.83E-04	1.24E-04
214	561448.84	4192381.32	7.28E-04	5.56E-04	5.42E-04	5.43E-04	5.42E-04	4.02E-04	2.44E-04	5.21E-04	4.33E-04	4.20E-04	4.21E-04	4.20E-04	2.80E-04	1.23E-04
215	561451.26	4192372.22	7.20E-04	5.49E-04	5.36E-04	5.37E-04	5.36E-04	3.97E-04	2.41E-04	5.15E-04	4.28E-04	4.15E-04	4.16E-04	4.15E-04	2.77E-04	1.21E-04
216	561453.68	4192363.12	7.11E-04	5.43E-04	5.29E-04	5.31E-04	5.29E-04	3.92E-04	2.38E-04	5.09E-04	4.23E-04	4.10E-04	4.12E-04	4.10E-04	2.74E-04	1.20E-04
217	561456.1	4192354.03	7.03E-04	5.37E-04	5.23E-04	5.25E-04	5.23E-04	3.88E-04	2.35E-04	5.03E-04	4.18E-04	4.06E-04	4.07E-04	4.06E-04	2.70E-04	1.18E-04
218	561458.52	4192344.93	6.95E-04	5.31E-04	5.17E-04	5.19E-04	5.17E-04	3.84E-								

246	561482.67	4192370.84	6.17E-04	4.71E-04	4.59E-04	4.60E-04	4.59E-04	3.40E-04	2.06E-04	4.41E-04	3.67E-04	3.56E-04	3.57E-04	3.56E-04	2.37E-04	1.04E-04
247	561485.09	4192361.74	6.12E-04	4.67E-04	4.55E-04	4.56E-04	4.55E-04	3.38E-04	2.05E-04	4.37E-04	3.64E-04	3.53E-04	3.54E-04	3.53E-04	2.35E-04	1.03E-04
248	561487.51	4192352.64	6.07E-04	4.63E-04	4.51E-04	4.53E-04	4.51E-04	3.35E-04	2.03E-04	4.34E-04	3.61E-04	3.50E-04	3.51E-04	3.50E-04	2.33E-04	1.02E-04
249	561489.94	4192343.54	6.02E-04	4.59E-04	4.48E-04	4.49E-04	4.48E-04	3.32E-04	2.01E-04	4.30E-04	3.58E-04	3.47E-04	3.48E-04	3.47E-04	2.31E-04	1.01E-04
250	561477.81	4192428	6.14E-04	4.69E-04	4.57E-04	4.58E-04	4.57E-04	3.39E-04	2.05E-04	4.39E-04	3.65E-04	3.54E-04	3.55E-04	3.54E-04	2.36E-04	1.03E-04
251	561480.23	4192418.9	6.10E-04	4.66E-04	4.54E-04	4.55E-04	4.54E-04	3.37E-04	2.04E-04	4.37E-04	3.63E-04	3.52E-04	3.53E-04	3.52E-04	2.35E-04	1.03E-04
252	561482.65	4192409.8	6.06E-04	4.63E-04	4.51E-04	4.52E-04	4.51E-04	3.35E-04	2.03E-04	4.34E-04	3.61E-04	3.50E-04	3.51E-04	3.50E-04	2.33E-04	1.02E-04
253	561485.07	4192400.7	6.02E-04	4.60E-04	4.48E-04	4.49E-04	4.48E-04	3.32E-04	2.01E-04	4.31E-04	3.58E-04	3.47E-04	3.48E-04	3.47E-04	2.32E-04	1.01E-04
254	561487.5	4192391.61	5.98E-04	4.57E-04	4.45E-04	4.46E-04	4.45E-04	3.30E-04	2.00E-04	4.28E-04	3.56E-04	3.45E-04	3.46E-04	3.45E-04	2.30E-04	1.01E-04
255	561489.92	4192382.51	5.94E-04	4.53E-04	4.42E-04	4.43E-04	4.42E-04	3.28E-04	1.99E-04	4.25E-04	3.53E-04	3.43E-04	3.44E-04	3.43E-04	2.28E-04	1.00E-04
256	561492.34	4192373.41	5.89E-04	4.50E-04	4.39E-04	4.40E-04	4.39E-04	3.25E-04	1.97E-04	4.22E-04	3.51E-04	3.40E-04	3.41E-04	3.40E-04	2.27E-04	9.93E-05
257	561494.76	4192364.31	5.85E-04	4.47E-04	4.35E-04	4.37E-04	4.35E-04	3.23E-04	1.96E-04	4.18E-04	3.48E-04	3.38E-04	3.38E-04	3.38E-04	2.25E-04	9.85E-05
258	561497.18	4192355.21	5.81E-04	4.43E-04	4.32E-04	4.33E-04	4.32E-04	3.20E-04	1.94E-04	4.15E-04	3.45E-04	3.35E-04	3.36E-04	3.35E-04	2.23E-04	9.78E-05
259	561499.6	4192346.11	5.76E-04	4.40E-04	4.29E-04	4.30E-04	4.29E-04	3.18E-04	1.93E-04	4.12E-04	3.43E-04	3.32E-04	3.33E-04	3.32E-04	2.22E-04	9.71E-05
260	561487.48	4192430.57	5.85E-04	4.46E-04	4.35E-04	4.36E-04	4.35E-04	3.23E-04	1.96E-04	4.18E-04	3.48E-04	3.37E-04	3.38E-04	3.37E-04	2.25E-04	9.84E-05
261	561489.9	4192421.47	5.81E-04	4.44E-04	4.33E-04	4.34E-04	4.33E-04	3.21E-04	1.94E-04	4.16E-04	3.46E-04	3.35E-04	3.36E-04	3.35E-04	2.24E-04	9.79E-05
262	561492.32	4192412.37	5.78E-04	4.41E-04	4.30E-04	4.31E-04	4.30E-04	3.19E-04	1.93E-04	4.13E-04	3.44E-04	3.33E-04	3.34E-04	3.33E-04	2.22E-04	9.73E-05
263	561494.74	4192403.27	5.75E-04	4.39E-04	4.27E-04	4.29E-04	4.27E-04	3.17E-04	1.92E-04	4.11E-04	3.42E-04	3.31E-04	3.32E-04	3.31E-04	2.21E-04	9.68E-05
264	561497.16	4192394.18	5.71E-04	4.36E-04	4.25E-04	4.26E-04	4.25E-04	3.15E-04	1.91E-04	4.08E-04	3.40E-04	3.29E-04	3.30E-04	3.29E-04	2.20E-04	9.62E-05
265	561499.58	4192385.08	5.67E-04	4.33E-04	4.22E-04	4.23E-04	4.22E-04	3.13E-04	1.90E-04	4.06E-04	3.37E-04	3.27E-04	3.28E-04	3.27E-04	2.18E-04	9.56E-05
266	561502	4192375.98	5.64E-04	4.30E-04	4.19E-04	4.21E-04	4.19E-04	3.11E-04	1.89E-04	4.03E-04	3.35E-04	3.25E-04	3.26E-04	3.25E-04	2.17E-04	9.50E-05
267	561504.42	4192366.88	5.60E-04	4.28E-04	4.17E-04	4.18E-04	4.17E-04	3.09E-04	1.87E-04	4.01E-04	3.33E-04	3.23E-04	3.24E-04	3.23E-04	2.15E-04	9.43E-05
268	561506.84	4192357.78	5.56E-04	4.25E-04	4.14E-04	4.15E-04	4.14E-04	3.07E-04	1.86E-04	3.98E-04	3.31E-04	3.21E-04	3.22E-04	3.21E-04	2.14E-04	9.37E-05
269	561509.26	4192348.68	5.53E-04	4.22E-04	4.11E-04	4.12E-04	4.11E-04	3.05E-04	1.85E-04	3.95E-04	3.29E-04	3.19E-04	3.20E-04	3.19E-04	2.13E-04	9.31E-05
270	561401.78	4192218.01	7.95E-04	6.07E-04	5.92E-04	5.93E-04	5.92E-04	4.39E-04	2.66E-04	5.69E-04	4.73E-04	4.59E-04	4.60E-04	4.59E-04	3.06E-04	1.34E-04
271	561403.11	4192227.59	8.12E-04	6.19E-04	6.04E-04	6.05E-04	6.04E-04	4.48E-04	2.71E-04	5.80E-04	4.83E-04	4.68E-04	4.70E-04	4.68E-04	3.12E-04	1.37E-04
272	561410.29	4192212.23	7.52E-04	5.74E-04	5.59E-04	5.61E-04	5.59E-04	4.15E-04	2.51E-04	5.38E-04	4.47E-04	4.34E-04	4.35E-04	4.34E-04	2.89E-04	1.27E-04
273	561411.6	4192221.7	7.67E-04	5.86E-04	5.71E-04	5.73E-04	5.71E-04	4.23E-04	2.57E-04	5.49E-04	4.56E-04	4.43E-04	4.44E-04	4.43E-04	2.95E-04	1.29E-04
274	561412.91	4192231.18	7.81E-04	5.96E-04	5.81E-04	5.83E-04	5.81E-04	4.31E-04	2.61E-04	5.59E-04	4.65E-04	4.51E-04	4.52E-04	4.51E-04	3.01E-04	1.32E-04
275	561417.52	4192197.16	6.95E-04	5.30E-04	5.17E-04	5.18E-04	5.17E-04	3.83E-04	2.32E-04	4.97E-04	4.13E-04	4.01E-04	4.02E-04	4.01E-04	2.67E-04	1.17E-04
276	561418.81	4192206.53	7.12E-04	5.43E-04	5.30E-04	5.31E-04	5.30E-04	3.93E-04	2.38E-04	5.09E-04	4.23E-04	4.11E-04	4.12E-04	4.11E-04	2.74E-04	1.20E-04
277	561420.11	4192215.9	7.27E-04	5.55E-04	5.41E-04	5.43E-04	5.41E-04	4.01E-04	2.43E-04	5.20E-04	4.33E-04	4.20E-04	4.21E-04	4.20E-04	2.80E-04	1.22E-04
278	561421.41	4192225.28	7.41E-04	5.66E-04	5.51E-04	5.53E-04	5.51E-04	4.09E-04	2.48E-04	5.30E-04	4.41E-04	4.27E-04	4.29E-04	4.27E-04	2.85E-04	1.25E-04
279	561422.7	4192234.65	7.53E-04	5.75E-04	5.60E-04	5.62E-04	5.60E-04	4.15E-04	2.52E-04	5.38E-04	4.48E-04	4.34E-04	4.35E-04	4.34E-04	2.90E-04	1.27E-04
280	561424.77	4192182.33	6.42E-04	4.90E-04	4.78E-04	4.79E-04	4.78E-04	3.54E-04	2.15E-04	4.59E-04	3.82E-04	3.70E-04	3.71E-04	3.70E-04	2.47E-04	1.08E-04
281	561426.06	4192191.61	6.59E-04	5.03E-04	4.90E-04	4.92E-04	4.90E-04	3.64E-04	2.20E-04	4.71E-04	3.92E-04	3.80E-04	3.81E-04	3.80E-04	2.54E-04	1.11E-04
282	561427.34	4192200.89	6.75E-04	5.15E-04	5.02E-04	5.04E-04	5.02E-04	3.73E-04	2.26E-04	4.83E-04	4.02E-04	3.90E-04	3.91E-04	3.90E-04	2.60E-04	1.14E-04
283	561428.62	4192210.18	6.90E-04	5.27E-04	5.14E-04	5.15E-04	5.14E-04	3.81E-04	2.31E-04	4.94E-04	4.11E-04	3.98E-04	3.99E-04	3.98E-04	2.66E-04	1.16E-04
284	561429.91	4192219.46	7.04E-04	5.37E-04	5.24E-04	5.25E-04	5.24E-04	3.88E-04	2.35E-04	5.03E-04	4.19E-04	4.06E-04	4.07E-04	4.06E-04	2.71E-04	1.19E-04
285	561431.19	4192228.75	7.16E-04	5.46E-04	5.32E-04	5.34E-04	5.32E-04	3.95E-04	2.39E-04	5.12E-04	4.26E-04	4.13E-04	4.14E-04	4.13E-04	2.75E-04	1.20E-04
286	561432.48	4192238.03	7.25E-04	5.54E-04	5.40E-04	5.41E-04	5.40E-04	4.00E-04	2.43E-04	5.19E-04	4.31E-04	4.19E-04	4.20E-04	4.19E-04	2.79E-04	1.22E-04
287	561434.94	4192188.53	6.30E-04	4.81E-04	4.69E-04	4.70E-04	4.69E-04	3.48E-04	2.11E-04	4.51E-04	3.75E-04	3.64E-04	3.65E-04	3.64E-04	2.42E-04	1.06E-04
288	561436.28	4192198.22	6.46E-04	4.93E-04	4.81E-04	4.82E-04	4.81E-04	3.57E-04	2.16E-04	4.62E-04	3.84E-04	3.73E-04	3.74E-04	3.73E-04	2.49E-04	1.09E-04
289	561437.62	4192207.91	6.61E-04	5.05E-04	4.92E-04	4.93E-04	4.92E-04	3.65E-04	2.21E-04	4.73E-04	3.93E-04	3.81E-04	3.82E-04	3.81E-04	2.54E-04	1.11E-04
290	561438.96	4192217.59	6.74E-04	5.15E-04	5.02E-04	5.03E-04	5.02E-04	3.72E-04	2.26E-04	4.82E-04	4.01E-04	3.89E-04	3.90E-04	3.89E-04	2.59E-04	1.14E-04
291	561445.66	4192266.03	7.13E-04	5.45E-04	5.31E-04	5.32E-04	5.31E-04	3.94E-04	2.39E-04	5.10E-04	4.24E-04	4.12E-04	4.13E-04	4.12E-04	2.74E-04	1.20E-04
292	561429.07	4192129.23	5.20E-04	3.97E-04	3.87E-04	3.88E-04	3.87E-04	2.87E-04	1.74E-04	3.72E-04	3.10E-04	3.00E-04	3.01E-04	3.00E-04	2.00E-04	8.76E-05
293	561438.17	4192144.58	5.34E-04	4.08E-04	3.97E-04	3.98E-04	3.97E-04	2.95E-04	1.79E-04	3.82E-04	3.18E-04	3.08E-04	3.09E-04	3.08E-04	2.05E-04	8.99E-05
294	561439.49	4192154.17	5.50E-04	4.20E-04	4.10E-04	4.11E-04	4.10E-04	3.04E-04	1.84E-04	3.94E-04	3.27E-04	3.18E-04	3.18E-04	3.18E-04	2.12E-04	9.27E-05
295	561440.82	4192163.75	5.67E-04	4.33E-04	4.22E-04	4.23E-04	4.22E-04	3.13E-04	1.90E-04	4.06E-04	3.37E-04	3.27E-04	3.28E-04	3.27E-04	2.18E-04	9.55E-05
296	561444.8	4192192.51	6.15E-04	4.69E-04	4.57E-04	4.59E-04	4.57E-04	3.39E-04	2.06E-04	4.40E-04	3.66E-04	3.55E-04	3.56E-04	3.55E-04	2.36E-04	1.04E-04
297	561452.75	4192250.04	6.78E-04	5.17E-04	5.04E-04	5.06E-04	5.04E-04	3.74E-04	2.27E-04	4.85E-04	4.03E-04	3.91E-04	3.92E-04	3.91E-04	2.61E-04	1.14E-04
298	561454.08	4192259.62	6.82E-04	5.21E-04	5.08E-04	5.09E-04	5.08E-04	3.76E-04	2.28E-04	4.88E-04	4.06E-04	3.94E-04	3.95E-04	3.94E-04	2.62E-04	1.15E-04
299	561455.41	4192269.21	6.85E-04	5.23E-04	5.10E-04	5.11E-04	5.10E-04	3.78E-04	2.29E-04	4.90E-04	4.08E-04	3.95E-04	3.96E-04	3.95E-04	2.64E-04	1.15E-04
300	561459.39	4192297.97	6.87E-04	5.24E-04	5.11E-04	5.12E-04	5.11E-04	3.79E-04	2.30E-04	4.91E-04	4.08E-04	3.96E-04	3.97E-04	3.96E-04	2.64E-04	1.16E-04
301	561460.71	4192307.56	6.85E-04	5.23E-04	5.10E-04	5.11E-04	5.10E-04	3.78								

329	561478.79	4192303.63	6.31E-04	4.82E-04	4.70E-04	4.71E-04	4.70E-04	3.48E-04	2.11E-04	4.52E-04	3.76E-04	3.64E-04	3.65E-04	3.64E-04	2.43E-04	1.06E-04
330	561480.09	4192313.05	6.29E-04	4.80E-04	4.68E-04	4.69E-04	4.68E-04	3.47E-04	2.10E-04	4.50E-04	3.74E-04	3.63E-04	3.64E-04	3.63E-04	2.42E-04	1.06E-04
331	561432.37	4192097.23	4.60E-04	3.51E-04	3.42E-04	3.43E-04	3.42E-04	2.54E-04	1.54E-04	3.29E-04	2.73E-04	2.65E-04	2.66E-04	2.65E-04	1.77E-04	7.74E-05
332	561439.94	4192102.85	4.57E-04	3.49E-04	3.40E-04	3.41E-04	3.40E-04	2.52E-04	1.53E-04	3.27E-04	2.72E-04	2.64E-04	2.64E-04	2.64E-04	1.76E-04	7.70E-05
333	561447.51	4192108.47	4.55E-04	3.47E-04	3.38E-04	3.39E-04	3.38E-04	2.51E-04	1.52E-04	3.25E-04	2.71E-04	2.62E-04	2.63E-04	2.62E-04	1.75E-04	7.66E-05
334	561455.08	4192114.08	4.53E-04	3.46E-04	3.37E-04	3.38E-04	3.37E-04	2.50E-04	1.52E-04	3.24E-04	2.70E-04	2.61E-04	2.62E-04	2.61E-04	1.74E-04	7.63E-05
335	561463.94	4192129.04	4.65E-04	3.55E-04	3.46E-04	3.47E-04	3.46E-04	2.57E-04	1.56E-04	3.33E-04	2.77E-04	2.68E-04	2.69E-04	2.68E-04	1.79E-04	7.83E-05
336	561470.4	4192175.72	5.34E-04	4.07E-04	3.97E-04	3.98E-04	3.97E-04	2.94E-04	1.78E-04	3.82E-04	3.17E-04	3.08E-04	3.09E-04	3.08E-04	2.05E-04	8.98E-05
337	561472.98	4192194.39	5.58E-04	4.26E-04	4.15E-04	4.16E-04	4.15E-04	3.08E-04	1.87E-04	3.99E-04	3.32E-04	3.22E-04	3.23E-04	3.22E-04	2.15E-04	9.40E-05
338	561474.27	4192203.73	5.69E-04	4.34E-04	4.23E-04	4.25E-04	4.23E-04	3.14E-04	1.90E-04	4.07E-04	3.38E-04	3.28E-04	3.29E-04	3.28E-04	2.19E-04	9.58E-05
339	561475.56	4192213.07	5.79E-04	4.42E-04	4.31E-04	4.32E-04	4.31E-04	3.19E-04	1.94E-04	4.14E-04	3.44E-04	3.34E-04	3.35E-04	3.34E-04	2.23E-04	9.75E-05
340	561476.86	4192222.4	5.87E-04	4.48E-04	4.37E-04	4.38E-04	4.37E-04	3.24E-04	1.96E-04	4.20E-04	3.49E-04	3.39E-04	3.40E-04	3.39E-04	2.26E-04	9.89E-05
341	561482.02	4192259.75	6.07E-04	4.63E-04	4.52E-04	4.53E-04	4.52E-04	3.35E-04	2.03E-04	4.34E-04	3.61E-04	3.50E-04	3.51E-04	3.50E-04	2.34E-04	1.02E-04
342	561483.31	4192269.09	6.09E-04	4.65E-04	4.53E-04	4.54E-04	4.53E-04	3.36E-04	2.04E-04	4.36E-04	3.62E-04	3.51E-04	3.52E-04	3.51E-04	2.34E-04	1.03E-04
343	561484.61	4192278.42	6.10E-04	4.65E-04	4.54E-04	4.55E-04	4.54E-04	3.36E-04	2.04E-04	4.36E-04	3.63E-04	3.52E-04	3.53E-04	3.52E-04	2.34E-04	1.03E-04
344	561485.9	4192287.76	6.09E-04	4.65E-04	4.53E-04	4.55E-04	4.53E-04	3.36E-04	2.04E-04	4.36E-04	3.62E-04	3.52E-04	3.53E-04	3.52E-04	2.34E-04	1.03E-04
345	561487.19	4192297.1	6.08E-04	4.64E-04	4.52E-04	4.54E-04	4.52E-04	3.36E-04	2.03E-04	4.35E-04	3.62E-04	3.51E-04	3.52E-04	3.51E-04	2.34E-04	1.02E-04
346	561488.48	4192306.43	6.06E-04	4.63E-04	4.51E-04	4.52E-04	4.51E-04	3.34E-04	2.03E-04	4.33E-04	3.61E-04	3.50E-04	3.51E-04	3.50E-04	2.33E-04	1.02E-04
347	561489.77	4192315.77	6.03E-04	4.61E-04	4.49E-04	4.50E-04	4.49E-04	3.33E-04	2.02E-04	4.32E-04	3.59E-04	3.48E-04	3.49E-04	3.48E-04	2.32E-04	1.02E-04
348	561439.89	4192091.33	4.40E-04	3.36E-04	3.27E-04	3.28E-04	3.27E-04	2.43E-04	1.47E-04	3.14E-04	2.62E-04	2.54E-04	2.54E-04	2.54E-04	1.69E-04	7.40E-05
349	561447.73	4192097.15	4.37E-04	3.34E-04	3.25E-04	3.26E-04	3.25E-04	2.41E-04	1.46E-04	3.13E-04	2.60E-04	2.52E-04	2.53E-04	2.52E-04	1.68E-04	7.36E-05
350	561455.57	4192102.97	4.35E-04	3.32E-04	3.24E-04	3.25E-04	3.24E-04	2.40E-04	1.46E-04	3.11E-04	2.59E-04	2.51E-04	2.52E-04	2.51E-04	1.67E-04	7.33E-05
351	561463.41	4192108.78	4.34E-04	3.31E-04	3.23E-04	3.24E-04	3.23E-04	2.39E-04	1.45E-04	3.10E-04	2.58E-04	2.50E-04	2.51E-04	2.50E-04	1.67E-04	7.31E-05
352	561476.6	4192153.28	4.86E-04	3.71E-04	3.61E-04	3.62E-04	3.61E-04	2.68E-04	1.62E-04	3.47E-04	2.89E-04	2.80E-04	2.81E-04	2.80E-04	1.87E-04	8.18E-05
353	561477.94	4192162.95	4.99E-04	3.81E-04	3.71E-04	3.72E-04	3.71E-04	2.75E-04	1.67E-04	3.57E-04	2.97E-04	2.88E-04	2.89E-04	2.88E-04	1.92E-04	8.41E-05
354	561479.28	4192172.62	5.13E-04	3.92E-04	3.82E-04	3.83E-04	3.82E-04	2.83E-04	1.72E-04	3.67E-04	3.05E-04	2.96E-04	2.97E-04	2.96E-04	1.97E-04	8.64E-05
355	561483.29	4192201.63	5.48E-04	4.18E-04	4.08E-04	4.09E-04	4.08E-04	3.02E-04	1.83E-04	3.92E-04	3.26E-04	3.16E-04	3.17E-04	3.16E-04	2.11E-04	9.23E-05
356	561484.63	4192211.3	5.58E-04	4.26E-04	4.15E-04	4.16E-04	4.15E-04	3.08E-04	1.87E-04	3.99E-04	3.32E-04	3.22E-04	3.23E-04	3.22E-04	2.15E-04	9.39E-05
357	561485.97	4192220.97	5.66E-04	4.32E-04	4.21E-04	4.22E-04	4.21E-04	3.12E-04	1.89E-04	4.05E-04	3.37E-04	3.27E-04	3.27E-04	3.27E-04	2.18E-04	9.53E-05
358	561487.3	4192230.64	5.73E-04	4.37E-04	4.26E-04	4.27E-04	4.26E-04	3.16E-04	1.92E-04	4.10E-04	3.41E-04	3.31E-04	3.31E-04	3.31E-04	2.20E-04	9.65E-05
359	561491.32	4192259.65	5.85E-04	4.47E-04	4.35E-04	4.37E-04	4.35E-04	3.23E-04	1.96E-04	4.19E-04	3.48E-04	3.38E-04	3.39E-04	3.38E-04	2.25E-04	9.86E-05
360	561492.66	4192269.32	5.87E-04	4.48E-04	4.36E-04	4.38E-04	4.36E-04	3.24E-04	1.96E-04	4.20E-04	3.49E-04	3.38E-04	3.39E-04	3.38E-04	2.26E-04	9.88E-05
361	561493.99	4192278.99	5.87E-04	4.48E-04	4.37E-04	4.38E-04	4.37E-04	3.24E-04	1.96E-04	4.20E-04	3.49E-04	3.39E-04	3.40E-04	3.39E-04	2.26E-04	9.89E-05
362	561495.33	4192288.66	5.86E-04	4.48E-04	4.36E-04	4.38E-04	4.36E-04	3.24E-04	1.96E-04	4.19E-04	3.49E-04	3.38E-04	3.39E-04	3.38E-04	2.26E-04	9.88E-05
363	561496.67	4192298.33	5.85E-04	4.46E-04	4.35E-04	4.36E-04	4.35E-04	3.23E-04	1.96E-04	4.18E-04	3.48E-04	3.37E-04	3.38E-04	3.37E-04	2.25E-04	9.85E-05
364	561498.01	4192308	5.83E-04	4.45E-04	4.33E-04	4.35E-04	4.33E-04	3.21E-04	1.95E-04	4.17E-04	3.46E-04	3.36E-04	3.37E-04	3.36E-04	2.24E-04	9.81E-05
365	561499.34	4192317.67	5.80E-04	4.42E-04	4.31E-04	4.32E-04	4.31E-04	3.20E-04	1.94E-04	4.14E-04	3.45E-04	3.34E-04	3.35E-04	3.34E-04	2.23E-04	9.76E-05
366	561409.9	4192057.6	4.43E-04	3.38E-04	3.29E-04	3.30E-04	3.29E-04	2.44E-04	1.48E-04	3.17E-04	2.63E-04	2.55E-04	2.56E-04	2.55E-04	1.70E-04	7.45E-05
367	561433.22	4192074.9	4.27E-04	3.26E-04	3.17E-04	3.18E-04	3.17E-04	2.35E-04	1.43E-04	3.05E-04	2.54E-04	2.46E-04	2.47E-04	2.46E-04	1.64E-04	7.19E-05
368	561440.99	4192080.67	4.23E-04	3.23E-04	3.15E-04	3.16E-04	3.15E-04	2.34E-04	1.42E-04	3.03E-04	2.52E-04	2.44E-04	2.45E-04	2.44E-04	1.63E-04	7.13E-05
369	561448.76	4192086.44	4.21E-04	3.21E-04	3.13E-04	3.14E-04	3.13E-04	2.32E-04	1.41E-04	3.01E-04	2.50E-04	2.43E-04	2.43E-04	2.43E-04	1.62E-04	7.08E-05
370	561456.54	4192092.2	4.19E-04	3.19E-04	3.11E-04	3.12E-04	3.11E-04	2.31E-04	1.40E-04	2.99E-04	2.49E-04	2.41E-04	2.42E-04	2.41E-04	1.61E-04	7.05E-05
371	561464.31	4192097.97	4.17E-04	3.18E-04	3.10E-04	3.11E-04	3.10E-04	2.30E-04	1.39E-04	2.98E-04	2.48E-04	2.41E-04	2.41E-04	2.41E-04	1.60E-04	7.02E-05
372	561482.51	4192128.68	4.40E-04	3.36E-04	3.27E-04	3.28E-04	3.27E-04	2.43E-04	1.47E-04	3.14E-04	2.62E-04	2.54E-04	2.54E-04	2.54E-04	1.69E-04	7.40E-05
373	561483.83	4192138.26	4.52E-04	3.45E-04	3.37E-04	3.37E-04	3.37E-04	2.50E-04	1.51E-04	3.24E-04	2.69E-04	2.61E-04	2.62E-04	2.61E-04	1.74E-04	7.62E-05
374	561485.16	4192147.85	4.65E-04	3.55E-04	3.46E-04	3.47E-04	3.46E-04	2.57E-04	1.56E-04	3.33E-04	2.77E-04	2.68E-04	2.69E-04	2.68E-04	1.79E-04	7.83E-05
375	561486.48	4192157.44	4.78E-04	3.65E-04	3.55E-04	3.56E-04	3.55E-04	2.64E-04	1.60E-04	3.42E-04	2.84E-04	2.76E-04	2.76E-04	2.76E-04	1.84E-04	8.05E-05
376	561487.81	4192167.02	4.90E-04	3.74E-04	3.65E-04	3.66E-04	3.65E-04	2.71E-04	1.64E-04	3.51E-04	2.92E-04	2.83E-04	2.84E-04	2.83E-04	1.89E-04	8.26E-05
377	561489.14	4192176.61	5.03E-04	3.84E-04	3.74E-04	3.75E-04	3.74E-04	2.77E-04	1.68E-04	3.60E-04	2.99E-04	2.90E-04	2.91E-04	2.90E-04	1.93E-04	8.47E-05
378	561493.12	4192205.37	5.34E-04	4.08E-04	3.97E-04	3.99E-04	3.97E-04	2.95E-04	1.79E-04	3.82E-04	3.18E-04	3.08E-04	3.09E-04	3.08E-04	2.05E-04	9.00E-05
379	561494.44	4192214.96	5.43E-04	4.14E-04	4.04E-04	4.05E-04	4.04E-04	2.99E-04	1.81E-04	3.88E-04	3.23E-04	3.13E-04	3.14E-04	3.13E-04	2.09E-04	9.14E-05
380	561495.77	4192224.54	5.50E-04	4.20E-04	4.09E-04	4.10E-04	4.09E-04	3.03E-04	1.84E-04	3.93E-04	3.27E-04	3.17E-04	3.18E-04	3.17E-04	2.11E-04	9.26E-05
381	561497.09	4192234.13	5.56E-04	4.24E-04	4.13E-04	4.14E-04	4.13E-04	3.07E-04	1.86E-04	3.97E-04	3.30E-04	3.21E-04	3.21E-04	3.21E-04	2.14E-04	9.36E-05
382	561498.42	4192243.72	5.60E-04	4.28E-04	4.17E-04	4.18E-04	4.17E-04	3.09E-04	1.87E-04	4.01E-04	3.33E-04	3.23E-04	3.24E-04	3.23E-04	2.15E-04	9.43E-05
383	561499.75	4192253.3	5.63E-04	4.30E-04	4.19E-04	4.20E-04	4.19E-04	3.11E-04	1.88E-04	4.03E-04	3.35E-04	3.25E-04	3.26E-04	3.25E-04	2.17E-04	9.49E-05
384	561501.07	4192262.89	5.65E-04	4.31E-04	4.20E-04	4.22E-04	4.20E-04	3.								

412	561508.19	4192247.06	5.42E-04	4.14E-04	4.04E-04	4.05E-04	4.04E-04	2.99E-04	1.81E-04	3.88E-04	3.23E-04	3.13E-04	3.14E-04	3.13E-04	2.09E-04	9.14E-05
413	561509.51	4192256.57	5.45E-04	4.16E-04	4.05E-04	4.06E-04	4.05E-04	3.01E-04	1.82E-04	3.90E-04	3.24E-04	3.14E-04	3.15E-04	3.14E-04	2.10E-04	9.17E-05
414	561510.82	4192266.08	5.46E-04	4.17E-04	4.06E-04	4.07E-04	4.06E-04	3.01E-04	1.83E-04	3.90E-04	3.25E-04	3.15E-04	3.16E-04	3.15E-04	2.10E-04	9.19E-05
415	561512.14	4192275.59	5.46E-04	4.17E-04	4.06E-04	4.07E-04	4.06E-04	3.01E-04	1.83E-04	3.91E-04	3.25E-04	3.15E-04	3.16E-04	3.15E-04	2.10E-04	9.20E-05
416	561513.45	4192285.1	5.46E-04	4.16E-04	4.06E-04	4.07E-04	4.06E-04	3.01E-04	1.82E-04	3.90E-04	3.24E-04	3.15E-04	3.16E-04	3.15E-04	2.10E-04	9.19E-05
417	561514.77	4192294.61	5.44E-04	4.15E-04	4.05E-04	4.06E-04	4.05E-04	3.00E-04	1.82E-04	3.89E-04	3.24E-04	3.14E-04	3.15E-04	3.14E-04	2.09E-04	9.16E-05
418	561516.09	4192304.12	5.42E-04	4.14E-04	4.03E-04	4.04E-04	4.03E-04	2.99E-04	1.81E-04	3.88E-04	3.22E-04	3.13E-04	3.14E-04	3.13E-04	2.08E-04	9.13E-05
419	561517.4	4192313.63	5.39E-04	4.11E-04	4.01E-04	4.02E-04	4.01E-04	2.97E-04	1.80E-04	3.86E-04	3.21E-04	3.11E-04	3.12E-04	3.11E-04	2.07E-04	9.08E-05
420	561518.72	4192323.14	5.36E-04	4.09E-04	3.98E-04	4.00E-04	3.98E-04	2.96E-04	1.79E-04	3.83E-04	3.19E-04	3.09E-04	3.10E-04	3.09E-04	2.06E-04	9.02E-05
421	560985.67	4192041.55	1.66E-03	1.27E-03	1.24E-03	1.24E-03	1.24E-03	9.18E-04	5.57E-04	1.19E-03	9.90E-04	9.60E-04	9.63E-04	9.60E-04	6.40E-04	2.80E-04
422	560991.7	4192030.36	1.60E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	8.81E-04	5.34E-04	1.14E-03	9.49E-04	9.21E-04	9.23E-04	9.21E-04	6.14E-04	2.69E-04
423	560982.51	4192032.06	1.58E-03	1.21E-03	1.18E-03	1.18E-03	1.18E-03	8.73E-04	5.29E-04	1.13E-03	9.41E-04	9.13E-04	9.15E-04	9.13E-04	6.09E-04	2.66E-04
424	560988.58	4192020.87	1.52E-03	1.16E-03	1.13E-03	1.13E-03	1.13E-03	8.39E-04	5.08E-04	1.09E-03	9.04E-04	8.77E-04	8.79E-04	8.77E-04	5.85E-04	2.56E-04
425	560979.35	4192022.57	1.51E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	1.08E-03	8.96E-04	8.69E-04	8.72E-04	8.69E-04	5.80E-04	2.54E-04
426	560985.46	4192011.38	1.45E-03	1.11E-03	1.08E-03	1.08E-03	1.08E-03	8.00E-04	4.85E-04	1.04E-03	8.62E-04	8.36E-04	8.39E-04	8.36E-04	5.58E-04	2.44E-04
427	560994.83	4192011	1.47E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	8.10E-04	4.91E-04	1.05E-03	8.73E-04	8.47E-04	8.49E-04	8.47E-04	5.65E-04	2.47E-04
428	560976.2	4192013.08	1.44E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.93E-04	4.81E-04	1.03E-03	8.55E-04	8.29E-04	8.32E-04	8.29E-04	5.53E-04	2.42E-04
429	560982.33	4192001.89	1.38E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	7.64E-04	4.63E-04	9.90E-04	8.23E-04	7.99E-04	8.01E-04	7.99E-04	5.33E-04	2.33E-04
430	560991.77	4192001.51	1.40E-03	1.07E-03	1.04E-03	1.05E-03	1.04E-03	7.73E-04	4.69E-04	1.00E-03	8.34E-04	8.09E-04	8.11E-04	8.09E-04	5.39E-04	2.36E-04
431	561001.21	4192001.13	1.42E-03	1.08E-03	1.05E-03	1.06E-03	1.05E-03	7.81E-04	4.74E-04	1.01E-03	8.42E-04	8.17E-04	8.19E-04	8.17E-04	5.45E-04	2.38E-04
432	560973.04	4192003.16	1.37E-03	1.05E-03	1.02E-03	1.02E-03	1.02E-03	7.58E-04	4.59E-04	9.82E-04	8.17E-04	7.92E-04	7.94E-04	7.92E-04	5.28E-04	2.31E-04
433	560979.2	4191992.4	1.32E-03	1.01E-03	9.85E-04	9.88E-04	9.85E-04	7.31E-04	4.43E-04	9.47E-04	7.88E-04	7.64E-04	7.66E-04	7.64E-04	5.09E-04	2.23E-04
434	560988.7	4191992.01	1.34E-03	1.02E-03	9.97E-04	1.00E-03	9.97E-04	7.39E-04	4.48E-04	9.59E-04	7.97E-04	7.73E-04	7.75E-04	7.73E-04	5.16E-04	2.26E-04
435	560998.2	4191991.63	1.35E-03	1.03E-03	1.01E-03	1.01E-03	1.01E-03	7.47E-04	4.53E-04	9.68E-04	8.05E-04	7.81E-04	7.83E-04	7.81E-04	5.21E-04	2.28E-04
436	560969.88	4191994.11	1.31E-03	1.00E-03	9.77E-04	9.80E-04	9.77E-04	7.25E-04	4.39E-04	9.40E-04	7.81E-04	7.58E-04	7.60E-04	7.58E-04	5.05E-04	2.21E-04
437	560976.08	4191984.91	1.27E-03	9.68E-04	9.44E-04	9.46E-04	9.44E-04	7.00E-04	4.24E-04	9.07E-04	7.54E-04	7.32E-04	7.34E-04	7.32E-04	4.88E-04	2.14E-04
438	560985.63	4191982.52	1.28E-03	9.80E-04	9.55E-04	9.57E-04	9.55E-04	7.08E-04	4.29E-04	9.18E-04	7.63E-04	7.40E-04	7.42E-04	7.40E-04	4.94E-04	2.16E-04
439	560995.18	4191982.14	1.30E-03	9.89E-04	9.64E-04	9.67E-04	9.64E-04	7.15E-04	4.34E-04	9.27E-04	7.71E-04	7.48E-04	7.50E-04	7.48E-04	4.99E-04	2.18E-04
440	561004.73	4191981.75	1.31E-03	9.97E-04	9.72E-04	9.75E-04	9.72E-04	7.21E-04	4.37E-04	9.34E-04	7.77E-04	7.54E-04	7.56E-04	7.54E-04	5.03E-04	2.20E-04
441	560966.73	4191984.62	1.26E-03	9.61E-04	9.36E-04	9.39E-04	9.36E-04	6.94E-04	4.21E-04	9.00E-04	7.48E-04	7.26E-04	7.28E-04	7.26E-04	4.84E-04	2.12E-04
442	560972.94	4191973.42	1.22E-03	9.28E-04	9.05E-04	9.07E-04	9.05E-04	6.71E-04	4.07E-04	8.70E-04	7.23E-04	7.02E-04	7.04E-04	7.02E-04	4.68E-04	2.05E-04
443	560982.55	4191973.03	1.23E-03	9.39E-04	9.15E-04	9.18E-04	9.15E-04	6.79E-04	4.11E-04	8.80E-04	7.32E-04	7.10E-04	7.12E-04	7.10E-04	4.73E-04	2.07E-04
444	560992.15	4191972.64	1.24E-03	9.48E-04	9.24E-04	9.27E-04	9.24E-04	6.85E-04	4.16E-04	8.88E-04	7.39E-04	7.17E-04	7.19E-04	7.17E-04	4.78E-04	2.09E-04
445	561001.76	4191972.26	1.25E-03	9.56E-04	9.32E-04	9.34E-04	9.32E-04	6.91E-04	4.19E-04	8.96E-04	7.45E-04	7.22E-04	7.24E-04	7.22E-04	4.82E-04	2.11E-04
446	561011.36	4191971.87	1.26E-03	9.62E-04	9.37E-04	9.40E-04	9.37E-04	6.95E-04	4.21E-04	9.01E-04	7.49E-04	7.27E-04	7.29E-04	7.27E-04	4.85E-04	2.12E-04
447	560963.57	4191975.13	1.21E-03	9.21E-04	8.98E-04	9.00E-04	8.98E-04	6.66E-04	4.04E-04	8.63E-04	7.18E-04	6.96E-04	6.98E-04	6.96E-04	4.64E-04	2.03E-04
448	560969.66	4191963.93	1.17E-03	8.91E-04	8.68E-04	8.71E-04	8.68E-04	6.44E-04	3.90E-04	8.35E-04	6.94E-04	6.73E-04	6.75E-04	6.73E-04	4.49E-04	1.97E-04
449	560979.01	4191963.56	1.18E-03	9.01E-04	8.78E-04	8.80E-04	8.78E-04	6.51E-04	3.95E-04	8.44E-04	7.02E-04	6.81E-04	6.83E-04	6.81E-04	4.54E-04	1.99E-04
450	560988.36	4191963.18	1.19E-03	9.09E-04	8.86E-04	8.89E-04	8.86E-04	6.57E-04	3.98E-04	8.52E-04	7.09E-04	6.87E-04	6.89E-04	6.87E-04	4.58E-04	2.01E-04
451	560997.71	4191962.8	1.20E-03	9.16E-04	8.93E-04	8.96E-04	8.93E-04	6.62E-04	4.02E-04	8.59E-04	7.14E-04	6.93E-04	6.95E-04	6.93E-04	4.62E-04	2.02E-04
452	561007.06	4191962.43	1.21E-03	9.22E-04	8.99E-04	9.01E-04	8.99E-04	6.67E-04	4.04E-04	8.64E-04	7.18E-04	6.97E-04	6.99E-04	6.97E-04	4.65E-04	2.03E-04
453	560960.42	4191965.64	1.16E-03	8.84E-04	8.62E-04	8.64E-04	8.62E-04	6.39E-04	3.88E-04	8.29E-04	6.89E-04	6.68E-04	6.70E-04	6.68E-04	4.46E-04	1.95E-04
454	560966.53	4191954.44	1.12E-03	8.56E-04	8.35E-04	8.37E-04	8.35E-04	6.19E-04	3.75E-04	8.02E-04	6.67E-04	6.47E-04	6.49E-04	6.47E-04	4.31E-04	1.89E-04
455	560975.93	4191954.06	1.13E-03	8.66E-04	8.44E-04	8.46E-04	8.44E-04	6.26E-04	3.79E-04	8.11E-04	6.74E-04	6.54E-04	6.56E-04	6.54E-04	4.36E-04	1.91E-04
456	560985.34	4191953.69	1.14E-03	8.74E-04	8.52E-04	8.54E-04	8.52E-04	6.32E-04	3.83E-04	8.19E-04	6.81E-04	6.60E-04	6.62E-04	6.60E-04	4.40E-04	1.93E-04
457	560994.74	4191953.31	1.15E-03	8.80E-04	8.58E-04	8.61E-04	8.58E-04	6.36E-04	3.86E-04	8.25E-04	6.86E-04	6.65E-04	6.67E-04	6.65E-04	4.44E-04	1.94E-04
458	561004.14	4191952.93	1.16E-03	8.86E-04	8.63E-04	8.66E-04	8.63E-04	6.40E-04	3.88E-04	8.30E-04	6.90E-04	6.69E-04	6.71E-04	6.69E-04	4.46E-04	1.95E-04
459	561013.54	4191952.55	1.17E-03	8.90E-04	8.67E-04	8.69E-04	8.67E-04	6.43E-04	3.90E-04	8.33E-04	6.93E-04	6.72E-04	6.74E-04	6.72E-04	4.48E-04	1.96E-04
460	560957.26	4191956.15	1.11E-03	8.50E-04	8.29E-04	8.31E-04	8.29E-04	6.14E-04	3.72E-04	7.96E-04	6.62E-04	6.42E-04	6.44E-04	6.42E-04	4.28E-04	1.88E-04
461	560963.4	4191944.95	1.08E-03	8.24E-04	8.03E-04	8.05E-04	8.03E-04	5.95E-04	3.61E-04	7.72E-04	6.42E-04	6.23E-04	6.24E-04	6.23E-04	4.15E-04	1.82E-04
462	560972.85	4191944.57	1.09E-03	8.33E-04	8.11E-04	8.14E-04	8.11E-04	6.02E-04	3.65E-04	7.80E-04	6.49E-04	6.29E-04	6.31E-04	6.29E-04	4.20E-04	1.84E-04
463	560982.3	4191944.19	1.10E-03	8.40E-04	8.19E-04	8.21E-04	8.19E-04	6.07E-04	3.68E-04	7.87E-04	6.55E-04	6.35E-04	6.37E-04	6.35E-04	4.23E-04	1.85E-04
464	560991.76	4191943.81	1.11E-03	8.47E-04	8.25E-04	8.27E-04	8.25E-04	6.12E-04	3.71E-04	7.93E-04	6.60E-04	6.40E-04	6.42E-04	6.40E-04	4.27E-04	1.87E-04
465	561001.21	4191943.43	1.12E-03	8.52E-04	8.30E-04	8.32E-04	8.30E-04	6.16E-04	3.73E-04	7.98E-04	6.64E-04	6.44E-04	6.45E-04	6.44E-04	4.29E-04	1.88E-04
466	561010.66	4191943.05	1.12E-03	8.55E-04	8.34E-04	8.36E-04	8.34E-04	6.18E-04	3.75E-04	8.01E-04	6.66E-04	6.46E-04	6.48E-04	6.46E-04	4.31E-04	1.89E-04
467	561020.11	4191942.67	1.12E-03	8.58E-04	8.36E-04	8.38E-04	8.36E-04	6								

495	560921.66	4192188.89	2.77E-03	2.12E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.27E-04	1.98E-03	1.65E-03	1.60E-03	1.60E-03	1.60E-03	1.07E-03	4.67E-04
496	560928.36	4192175.53	2.69E-03	2.06E-03	2.00E-03	2.01E-03	2.00E-03	1.49E-03	9.01E-04	1.93E-03	1.60E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.54E-04
497	560935.06	4192162.18	2.60E-03	1.99E-03	1.94E-03	1.94E-03	1.94E-03	1.44E-03	8.70E-04	1.86E-03	1.55E-03	1.50E-03	1.50E-03	1.50E-03	1.00E-03	4.38E-04
498	560941.76	4192148.83	2.50E-03	1.91E-03	1.86E-03	1.87E-03	1.86E-03	1.38E-03	8.37E-04	1.79E-03	1.49E-03	1.44E-03	1.45E-03	1.44E-03	9.63E-04	4.22E-04
499	560954.7	4192131.37	2.41E-03	1.84E-03	1.79E-03	1.80E-03	1.79E-03	1.33E-03	8.05E-04	1.72E-03	1.43E-03	1.39E-03	1.39E-03	1.39E-03	9.26E-04	4.05E-04
500	560916.66	4192203.56	2.87E-03	2.19E-03	2.14E-03	2.14E-03	2.14E-03	1.58E-03	9.60E-04	2.05E-03	1.71E-03	1.66E-03	1.66E-03	1.66E-03	1.10E-03	4.83E-04
501	560913.36	4192219.55	2.99E-03	2.28E-03	2.23E-03	2.23E-03	2.23E-03	1.65E-03	1.00E-03	2.14E-03	1.78E-03	1.73E-03	1.73E-03	1.73E-03	1.15E-03	5.04E-04
502	560912.13	4192186.35	2.60E-03	1.99E-03	1.94E-03	1.94E-03	1.94E-03	1.44E-03	8.71E-04	1.86E-03	1.55E-03	1.50E-03	1.51E-03	1.50E-03	1.00E-03	4.39E-04
503	560919.34	4192171.97	2.53E-03	1.93E-03	1.88E-03	1.89E-03	1.88E-03	1.40E-03	8.47E-04	1.81E-03	1.51E-03	1.46E-03	1.46E-03	1.46E-03	9.74E-04	4.26E-04
504	560926.56	4192157.59	2.44E-03	1.86E-03	1.81E-03	1.82E-03	1.81E-03	1.35E-03	8.16E-04	1.74E-03	1.45E-03	1.41E-03	1.41E-03	1.41E-03	9.38E-04	4.11E-04
505	560933.77	4192143.21	2.35E-03	1.79E-03	1.74E-03	1.75E-03	1.74E-03	1.29E-03	7.84E-04	1.68E-03	1.39E-03	1.35E-03	1.36E-03	1.35E-03	9.02E-04	3.95E-04
506	560947.71	4192124.41	2.25E-03	1.72E-03	1.68E-03	1.68E-03	1.68E-03	1.24E-03	7.54E-04	1.61E-03	1.34E-03	1.30E-03	1.30E-03	1.30E-03	8.67E-04	3.80E-04
507	560961.14	4192115.55	2.26E-03	1.73E-03	1.68E-03	1.69E-03	1.68E-03	1.25E-03	7.56E-04	1.62E-03	1.35E-03	1.30E-03	1.31E-03	1.30E-03	8.70E-04	3.81E-04
508	560906.87	4192201.54	2.69E-03	2.06E-03	2.00E-03	2.01E-03	2.00E-03	1.49E-03	9.01E-04	1.93E-03	1.60E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.53E-04
509	560903.57	4192217.53	2.80E-03	2.14E-03	2.08E-03	2.09E-03	2.08E-03	1.54E-03	9.36E-04	2.00E-03	1.66E-03	1.61E-03	1.62E-03	1.61E-03	1.08E-03	4.71E-04
510	560902.2	4192184.59	2.45E-03	1.87E-03	1.83E-03	1.83E-03	1.83E-03	1.35E-03	8.21E-04	1.76E-03	1.46E-03	1.42E-03	1.42E-03	1.42E-03	9.44E-04	4.13E-04
511	560909.16	4192170.72	2.40E-03	1.83E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.01E-04	1.71E-03	1.42E-03	1.38E-03	1.39E-03	1.38E-03	9.21E-04	4.03E-04
512	560916.12	4192156.86	2.32E-03	1.77E-03	1.72E-03	1.73E-03	1.72E-03	1.28E-03	7.75E-04	1.66E-03	1.38E-03	1.34E-03	1.34E-03	1.34E-03	8.91E-04	3.90E-04
513	560923.08	4192142.99	2.24E-03	1.71E-03	1.66E-03	1.67E-03	1.66E-03	1.23E-03	7.48E-04	1.60E-03	1.33E-03	1.29E-03	1.29E-03	1.29E-03	8.60E-04	3.77E-04
514	560930.04	4192129.12	2.15E-03	1.64E-03	1.60E-03	1.61E-03	1.60E-03	1.19E-03	7.20E-04	1.54E-03	1.28E-03	1.24E-03	1.25E-03	1.24E-03	8.28E-04	3.62E-04
515	560939.99	4192117.92	2.12E-03	1.61E-03	1.57E-03	1.58E-03	1.57E-03	1.17E-03	7.08E-04	1.51E-03	1.26E-03	1.22E-03	1.22E-03	1.22E-03	8.14E-04	3.56E-04
516	560952.95	4192109.38	2.13E-03	1.62E-03	1.58E-03	1.59E-03	1.58E-03	1.17E-03	7.11E-04	1.52E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	8.17E-04	3.58E-04
517	560965.9	4192100.85	2.13E-03	1.62E-03	1.58E-03	1.59E-03	1.58E-03	1.17E-03	7.11E-04	1.52E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	8.18E-04	3.58E-04
518	560897.08	4192199.52	2.53E-03	1.93E-03	1.88E-03	1.89E-03	1.88E-03	1.40E-03	8.46E-04	1.81E-03	1.50E-03	1.46E-03	1.46E-03	1.46E-03	9.73E-04	4.26E-04
519	560893.78	4192215.51	2.62E-03	2.00E-03	1.95E-03	1.96E-03	1.95E-03	1.45E-03	8.77E-04	1.88E-03	1.56E-03	1.51E-03	1.52E-03	1.51E-03	1.01E-03	4.42E-04
520	560892.31	4192182.78	2.32E-03	1.77E-03	1.72E-03	1.73E-03	1.72E-03	1.28E-03	7.74E-04	1.66E-03	1.38E-03	1.34E-03	1.34E-03	1.34E-03	8.91E-04	3.90E-04
521	560899.05	4192169.33	2.27E-03	1.73E-03	1.69E-03	1.69E-03	1.69E-03	1.25E-03	7.58E-04	1.62E-03	1.35E-03	1.31E-03	1.31E-03	1.31E-03	8.72E-04	3.82E-04
522	560905.8	4192155.88	2.20E-03	1.68E-03	1.64E-03	1.64E-03	1.64E-03	1.21E-03	7.36E-04	1.57E-03	1.31E-03	1.27E-03	1.27E-03	1.27E-03	8.46E-04	3.71E-04
523	560912.55	4192142.44	2.13E-03	1.63E-03	1.59E-03	1.59E-03	1.59E-03	1.18E-03	7.13E-04	1.52E-03	1.27E-03	1.23E-03	1.23E-03	1.23E-03	8.20E-04	3.59E-04
524	560919.29	4192128.99	2.06E-03	1.57E-03	1.53E-03	1.54E-03	1.53E-03	1.14E-03	6.89E-04	1.47E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	7.92E-04	3.47E-04
525	560932.32	4192111.41	1.99E-03	1.52E-03	1.48E-03	1.49E-03	1.48E-03	1.10E-03	6.66E-04	1.42E-03	1.18E-03	1.15E-03	1.15E-03	1.15E-03	7.66E-04	3.35E-04
526	560944.88	4192103.13	2.00E-03	1.53E-03	1.49E-03	1.49E-03	1.49E-03	1.10E-03	6.69E-04	1.43E-03	1.19E-03	1.15E-03	1.16E-03	1.15E-03	7.70E-04	3.37E-04
527	560957.45	4192094.85	2.00E-03	1.53E-03	1.49E-03	1.50E-03	1.49E-03	1.11E-03	6.70E-04	1.43E-03	1.19E-03	1.16E-03	1.16E-03	1.16E-03	7.71E-04	3.38E-04
528	560970.01	4192108.57	2.00E-03	1.53E-03	1.49E-03	1.49E-03	1.49E-03	1.10E-03	6.69E-04	1.43E-03	1.19E-03	1.15E-03	1.16E-03	1.15E-03	7.69E-04	3.37E-04
529	560887.28	4192197.5	2.38E-03	1.82E-03	1.77E-03	1.78E-03	1.77E-03	1.31E-03	7.96E-04	1.70E-03	1.42E-03	1.37E-03	1.38E-03	1.37E-03	9.16E-04	4.01E-04
530	560883.98	4192213.49	2.46E-03	1.88E-03	1.83E-03	1.84E-03	1.83E-03	1.36E-03	8.24E-04	1.76E-03	1.46E-03	1.42E-03	1.42E-03	1.42E-03	9.47E-04	4.15E-04
531	560882.72	4192180.34	2.19E-03	1.67E-03	1.63E-03	1.63E-03	1.63E-03	1.21E-03	7.31E-04	1.56E-03	1.30E-03	1.26E-03	1.26E-03	1.26E-03	8.41E-04	3.68E-04
532	560889.89	4192166.05	2.14E-03	1.63E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.16E-04	1.53E-03	1.27E-03	1.24E-03	1.24E-03	1.24E-03	8.24E-04	3.61E-04
533	560897.06	4192151.76	2.08E-03	1.59E-03	1.55E-03	1.55E-03	1.55E-03	1.15E-03	6.96E-04	1.49E-03	1.24E-03	1.20E-03	1.20E-03	1.20E-03	8.00E-04	3.50E-04
534	560904.23	4192137.48	2.01E-03	1.54E-03	1.50E-03	1.50E-03	1.50E-03	1.11E-03	6.73E-04	1.44E-03	1.20E-03	1.16E-03	1.16E-03	1.16E-03	7.74E-04	3.39E-04
535	560911.4	4192123.19	1.94E-03	1.48E-03	1.44E-03	1.45E-03	1.44E-03	1.07E-03	6.50E-04	1.39E-03	1.16E-03	1.12E-03	1.12E-03	1.12E-03	7.47E-04	3.27E-04
536	560925.24	4192104.5	1.88E-03	1.43E-03	1.40E-03	1.40E-03	1.40E-03	1.04E-03	6.28E-04	1.34E-03	1.12E-03	1.08E-03	1.09E-03	1.08E-03	7.22E-04	3.16E-04
537	560938.59	4192095.71	1.89E-03	1.44E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.32E-04	1.35E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	7.27E-04	3.18E-04
538	560951.94	4192086.91	1.89E-03	1.45E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.33E-04	1.35E-03	1.13E-03	1.09E-03	1.10E-03	1.09E-03	7.28E-04	3.19E-04
539	560965.28	4192078.12	1.89E-03	1.44E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.32E-04	1.35E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	7.27E-04	3.18E-04
540	560978.63	4192069.32	1.88E-03	1.43E-03	1.40E-03	1.40E-03	1.40E-03	1.03E-03	6.27E-04	1.34E-03	1.12E-03	1.08E-03	1.09E-03	1.08E-03	7.21E-04	3.16E-04
541	560877.49	4192195.47	2.24E-03	1.71E-03	1.67E-03	1.67E-03	1.67E-03	1.24E-03	7.51E-04	1.61E-03	1.34E-03	1.30E-03	1.30E-03	1.30E-03	8.63E-04	3.78E-04
542	560874.19	4192211.46	2.32E-03	1.77E-03	1.72E-03	1.73E-03	1.72E-03	1.28E-03	7.75E-04	1.66E-03	1.38E-03	1.34E-03	1.34E-03	1.34E-03	8.92E-04	3.90E-04
543	560872.82	4192178.53	2.07E-03	1.58E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.92E-04	1.48E-03	1.23E-03	1.19E-03	1.20E-03	1.19E-03	7.96E-04	3.49E-04
544	560879.78	4192164.66	2.03E-03	1.55E-03	1.51E-03	1.52E-03	1.51E-03	1.12E-03	6.80E-04	1.45E-03	1.21E-03	1.17E-03	1.18E-03	1.17E-03	7.82E-04	3.42E-04
545	560886.74	4192150.79	1.98E-03	1.51E-03	1.48E-03	1.48E-03	1.48E-03	1.09E-03	6.64E-04	1.42E-03	1.18E-03	1.14E-03	1.15E-03	1.14E-03	7.63E-04	3.34E-04
546	560893.7	4192136.93	1.92E-03	1.47E-03	1.43E-03	1.44E-03	1.43E-03	1.06E-03	6.44E-04	1.38E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	7.40E-04	3.24E-04
547	560900.66	4192123.06	1.86E-03	1.42E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.23E-04	1.33E-03	1.11E-03	1.07E-03	1.08E-03	1.07E-03	7.16E-04	3.14E-04
548	560907.61	4192109.19	1.80E-03	1.37E-03	1.34E-03	1.34E-03	1.34E-03	9.93E-04	6.02E-04	1.29E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	6.92E-04	3.03E-04
549	560917.57	4192097.99	1.78E-03	1.35E-03	1.32E-03	1.32E-03	1.32E-03	9.79E-04	5.94E-04	1.27E-03	1.06E-03	1.02E-03	1.03E-03	1.02E-03	6.83E-04	2.99E-04
550	560930.52	4192089.45	1.79E-03	1.36E-03	1.33E-03	1.33E-03	1.33E-03									

578	560929.36	4192067.08	1.61E-03	1.23E-03	1.20E-03	1.20E-03	1.20E-03	8.90E-04	5.39E-04	1.15E-03	9.59E-04	9.30E-04	9.33E-04	9.30E-04	6.20E-04	2.72E-04
579	560942.65	4192058.33	1.62E-03	1.23E-03	1.20E-03	1.21E-03	1.20E-03	8.91E-04	5.40E-04	1.16E-03	9.61E-04	9.32E-04	9.35E-04	9.32E-04	6.21E-04	2.72E-04
580	560955.94	4192049.57	1.61E-03	1.23E-03	1.20E-03	1.20E-03	1.20E-03	8.89E-04	5.39E-04	1.15E-03	9.59E-04	9.30E-04	9.33E-04	9.30E-04	6.20E-04	2.71E-04
581	560969.22	4192040.82	1.60E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	8.83E-04	5.36E-04	1.15E-03	9.52E-04	9.24E-04	9.26E-04	9.24E-04	6.16E-04	2.70E-04
582	560848.11	4192189.41	1.91E-03	1.46E-03	1.42E-03	1.43E-03	1.42E-03	1.05E-03	6.39E-04	1.37E-03	1.14E-03	1.10E-03	1.11E-03	1.10E-03	7.35E-04	3.22E-04
583	560844.81	4192205.4	1.97E-03	1.50E-03	1.46E-03	1.47E-03	1.46E-03	1.08E-03	6.57E-04	1.41E-03	1.17E-03	1.13E-03	1.14E-03	1.13E-03	7.56E-04	3.31E-04
584	560843.44	4192172.46	1.78E-03	1.36E-03	1.32E-03	1.33E-03	1.32E-03	9.81E-04	5.95E-04	1.27E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	6.84E-04	3.00E-04
585	560850.4	4192158.59	1.75E-03	1.34E-03	1.31E-03	1.31E-03	1.31E-03	9.68E-04	5.87E-04	1.25E-03	1.04E-03	1.01E-03	1.01E-03	1.01E-03	6.75E-04	2.95E-04
586	560857.36	4192144.73	1.72E-03	1.31E-03	1.28E-03	1.28E-03	1.28E-03	9.48E-04	5.75E-04	1.23E-03	1.02E-03	9.91E-04	9.94E-04	9.91E-04	6.61E-04	2.89E-04
587	560864.32	4192130.86	1.68E-03	1.28E-03	1.25E-03	1.25E-03	1.25E-03	9.25E-04	5.61E-04	1.20E-03	9.97E-04	9.67E-04	9.70E-04	9.67E-04	6.45E-04	2.82E-04
588	560871.27	4192116.99	1.63E-03	1.24E-03	1.21E-03	1.22E-03	1.21E-03	8.99E-04	5.45E-04	1.17E-03	9.69E-04	9.40E-04	9.43E-04	9.40E-04	6.27E-04	2.75E-04
589	560878.23	4192103.13	1.58E-03	1.21E-03	1.18E-03	1.18E-03	1.18E-03	8.73E-04	5.29E-04	1.13E-03	9.41E-04	9.13E-04	9.15E-04	9.13E-04	6.08E-04	2.66E-04
590	560885.19	4192089.26	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.46E-04	5.13E-04	1.10E-03	9.12E-04	8.84E-04	8.87E-04	8.84E-04	5.90E-04	2.58E-04
591	560895.15	4192078.06	1.52E-03	1.16E-03	1.13E-03	1.13E-03	1.13E-03	8.36E-04	5.07E-04	1.08E-03	9.01E-04	8.74E-04	8.76E-04	8.74E-04	5.83E-04	2.55E-04
592	560908.1	4192069.52	1.53E-03	1.16E-03	1.14E-03	1.14E-03	1.14E-03	8.42E-04	5.10E-04	1.09E-03	9.07E-04	8.80E-04	8.83E-04	8.80E-04	5.87E-04	2.57E-04
593	560921.06	4192060.99	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.46E-04	5.13E-04	1.10E-03	9.12E-04	8.85E-04	8.87E-04	8.85E-04	5.90E-04	2.58E-04
594	560934.01	4192052.45	1.54E-03	1.17E-03	1.14E-03	1.15E-03	1.14E-03	8.48E-04	5.14E-04	1.10E-03	9.14E-04	8.87E-04	8.89E-04	8.87E-04	5.91E-04	2.59E-04
595	560946.97	4192043.91	1.54E-03	1.17E-03	1.14E-03	1.15E-03	1.14E-03	8.48E-04	5.14E-04	1.10E-03	9.14E-04	8.86E-04	8.89E-04	8.86E-04	5.91E-04	2.59E-04
596	560959.92	4192035.38	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.44E-04	5.12E-04	1.09E-03	9.10E-04	8.83E-04	8.85E-04	8.83E-04	5.88E-04	2.58E-04
597	560838.31	4192187.39	1.82E-03	1.39E-03	1.35E-03	1.36E-03	1.35E-03	1.00E-03	6.08E-04	1.30E-03	1.08E-03	1.05E-03	1.05E-03	1.05E-03	6.99E-04	3.06E-04
598	560835.01	4192203.38	1.87E-03	1.42E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.24E-04	1.33E-03	1.11E-03	1.08E-03	1.08E-03	1.08E-03	7.18E-04	3.14E-04
599	560833.82	4192170.11	1.70E-03	1.29E-03	1.26E-03	1.27E-03	1.26E-03	9.36E-04	5.67E-04	1.21E-03	1.01E-03	9.78E-04	9.81E-04	9.78E-04	6.52E-04	2.86E-04
600	560841.1	4192155.58	1.67E-03	1.28E-03	1.24E-03	1.25E-03	1.24E-03	9.23E-04	5.59E-04	1.20E-03	9.95E-04	9.65E-04	9.67E-04	9.65E-04	6.43E-04	2.82E-04
601	560848.39	4192141.06	1.64E-03	1.25E-03	1.22E-03	1.22E-03	1.22E-03	9.04E-04	5.48E-04	1.17E-03	9.74E-04	9.45E-04	9.48E-04	9.45E-04	6.30E-04	2.76E-04
602	560855.68	4192126.53	1.60E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	8.81E-04	5.34E-04	1.14E-03	9.50E-04	9.21E-04	9.24E-04	9.21E-04	6.14E-04	2.69E-04
603	560862.97	4192112	1.55E-03	1.18E-03	1.15E-03	1.16E-03	1.15E-03	8.57E-04	5.19E-04	1.11E-03	9.23E-04	8.96E-04	8.98E-04	8.96E-04	5.97E-04	2.61E-04
604	560870.26	4192097.48	1.51E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	1.08E-03	8.96E-04	8.69E-04	8.71E-04	8.69E-04	5.79E-04	2.54E-04
605	560877.55	4192082.95	1.46E-03	1.11E-03	1.09E-03	1.09E-03	1.09E-03	8.05E-04	4.88E-04	1.04E-03	8.68E-04	8.42E-04	8.44E-04	8.42E-04	5.61E-04	2.46E-04
606	560887.98	4192071.21	1.44E-03	1.10E-03	1.07E-03	1.08E-03	1.07E-03	7.96E-04	4.82E-04	1.03E-03	8.58E-04	8.32E-04	8.34E-04	8.32E-04	5.55E-04	2.43E-04
607	560901.55	4192062.27	1.45E-03	1.11E-03	1.08E-03	1.08E-03	1.08E-03	8.02E-04	4.86E-04	1.04E-03	8.64E-04	8.38E-04	8.40E-04	8.38E-04	5.59E-04	2.45E-04
608	560915.12	4192053.33	1.46E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	8.06E-04	4.89E-04	1.04E-03	8.69E-04	8.43E-04	8.45E-04	8.43E-04	5.62E-04	2.46E-04
609	560928.7	4192044.38	1.47E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	8.09E-04	4.90E-04	1.05E-03	8.72E-04	8.45E-04	8.48E-04	8.45E-04	5.64E-04	2.47E-04
610	560942.27	4192035.44	1.47E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	8.09E-04	4.90E-04	1.05E-03	8.72E-04	8.45E-04	8.48E-04	8.45E-04	5.64E-04	2.47E-04
611	560955.84	4192026.5	1.46E-03	1.11E-03	1.09E-03	1.09E-03	1.09E-03	8.05E-04	4.88E-04	1.04E-03	8.68E-04	8.42E-04	8.44E-04	8.42E-04	5.61E-04	2.46E-04
612	560828.52	4192185.37	1.73E-03	1.32E-03	1.29E-03	1.29E-03	1.29E-03	9.55E-04	5.79E-04	1.24E-03	1.03E-03	9.99E-04	1.00E-03	9.99E-04	6.66E-04	2.92E-04
613	560825.22	4192201.36	1.78E-03	1.36E-03	1.32E-03	1.33E-03	1.32E-03	9.80E-04	5.94E-04	1.27E-03	1.06E-03	1.02E-03	1.03E-03	1.02E-03	6.83E-04	2.99E-04
614	560823.93	4192168.27	1.62E-03	1.24E-03	1.21E-03	1.21E-03	1.21E-03	8.94E-04	5.42E-04	1.16E-03	9.63E-04	9.34E-04	9.37E-04	9.34E-04	6.23E-04	2.73E-04
615	560831.05	4192154.09	1.60E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	8.82E-04	5.35E-04	1.14E-03	9.51E-04	9.22E-04	9.25E-04	9.22E-04	6.15E-04	2.69E-04
616	560838.16	4192139.92	1.57E-03	1.20E-03	1.17E-03	1.17E-03	1.17E-03	8.66E-04	5.25E-04	1.12E-03	9.33E-04	9.05E-04	9.08E-04	9.05E-04	6.04E-04	2.64E-04
617	560845.27	4192125.74	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.46E-04	5.13E-04	1.10E-03	9.12E-04	8.85E-04	8.87E-04	8.85E-04	5.90E-04	2.58E-04
618	560852.38	4192111.57	1.49E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	8.24E-04	4.99E-04	1.07E-03	8.88E-04	8.62E-04	8.64E-04	8.62E-04	5.74E-04	2.51E-04
619	560859.5	4192097.39	1.45E-03	1.11E-03	1.08E-03	1.08E-03	1.08E-03	8.01E-04	4.85E-04	1.04E-03	8.63E-04	8.37E-04	8.40E-04	8.37E-04	5.58E-04	2.44E-04
620	560866.61	4192083.22	1.41E-03	1.08E-03	1.05E-03	1.05E-03	1.05E-03	7.78E-04	4.72E-04	1.01E-03	8.39E-04	8.13E-04	8.16E-04	8.13E-04	5.42E-04	2.37E-04
621	560880.34	4192064.68	1.37E-03	1.05E-03	1.02E-03	1.03E-03	1.02E-03	7.58E-04	4.60E-04	9.83E-04	8.17E-04	7.93E-04	7.95E-04	7.93E-04	5.29E-04	2.31E-04
622	560893.59	4192055.95	1.38E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	7.64E-04	4.63E-04	9.90E-04	8.23E-04	7.99E-04	8.01E-04	7.99E-04	5.33E-04	2.33E-04
623	560906.83	4192047.23	1.39E-03	1.06E-03	1.04E-03	1.04E-03	1.04E-03	7.68E-04	4.66E-04	9.96E-04	8.28E-04	8.03E-04	8.06E-04	8.03E-04	5.36E-04	2.35E-04
624	560920.07	4192038.5	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.68E-04	1.00E-03	8.32E-04	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.35E-04
625	560933.31	4192029.77	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	1.00E-03	8.33E-04	8.08E-04	8.10E-04	8.08E-04	5.38E-04	2.36E-04
626	560946.56	4192021.05	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.67E-04	9.99E-04	8.31E-04	8.06E-04	8.08E-04	8.06E-04	5.37E-04	2.35E-04
627	560959.8	4192012.32	1.39E-03	1.06E-03	1.03E-03	1.04E-03	1.03E-03	7.66E-04	4.64E-04	9.93E-04	8.26E-04	8.01E-04	8.03E-04	8.01E-04	5.34E-04	2.34E-04
628	560818.73	4192183.35	1.65E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	9.11E-04	5.52E-04	1.18E-03	9.82E-04	9.53E-04	9.56E-04	9.53E-04	6.35E-04	2.78E-04
629	560815.43	4192199.34	1.69E-03	1.29E-03	1.26E-03	1.26E-03	1.26E-03	9.34E-04	5.66E-04	1.21E-03	1.01E-03	9.77E-04	9.79E-04	9.77E-04	6.51E-04	2.85E-04
630	560814.06	4192166.4	1.55E-03	1.18E-03	1.15E-03	1.16E-03	1.15E-03	8.55E-04	5.18E-04	1.11E-03	9.21E-04	8.94E-04	8.96E-04	8.94E-04	5.96E-04	2.61E-04
631	560821.02	4192152.53	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.44E-04	5.12E-04	1.09E-03	9.10E-04	8.82E-04	8.85E-04	8.82E-04	5.88E-04	2.58E-04
632	560827.98	4192138.66	1.50E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	8.30E-04	5.03E-04	1.08E-03	8.94E-04	8.68E-04	8.70E-04	8.68E-04	5.78E-04	2.53E-04
633	560834.94	4192124.8	1.47E-03	1.12E-03	1.10E-03	1.10E-03	1.10E-03	8								

661	560946.49	4191997.96	1.28E-03	9.74E-04	9.49E-04	9.52E-04	9.49E-04	7.04E-04	4.27E-04	9.12E-04	7.59E-04	7.36E-04	7.38E-04	7.36E-04	4.91E-04	2.15E-04
662	560799.14	4192179.31	1.51E-03	1.15E-03	1.12E-03	1.13E-03	1.12E-03	8.33E-04	5.05E-04	1.08E-03	8.98E-04	8.71E-04	8.73E-04	8.71E-04	5.81E-04	2.54E-04
663	560795.84	4192195.3	1.54E-03	1.18E-03	1.15E-03	1.15E-03	1.15E-03	8.52E-04	5.17E-04	1.10E-03	9.19E-04	8.91E-04	8.94E-04	8.91E-04	5.94E-04	2.60E-04
664	560794.54	4192162.22	1.42E-03	1.09E-03	1.06E-03	1.06E-03	1.06E-03	7.84E-04	4.76E-04	1.02E-03	8.46E-04	8.20E-04	8.22E-04	8.20E-04	5.47E-04	2.39E-04
665	560801.64	4192148.08	1.40E-03	1.07E-03	1.04E-03	1.05E-03	1.04E-03	7.75E-04	4.70E-04	1.00E-03	8.35E-04	8.10E-04	8.13E-04	8.10E-04	5.40E-04	2.37E-04
666	560808.73	4192133.94	1.38E-03	1.05E-03	1.03E-03	1.03E-03	1.03E-03	7.62E-04	4.62E-04	9.88E-04	8.22E-04	7.97E-04	7.99E-04	7.97E-04	5.32E-04	2.33E-04
667	560815.83	4192119.8	1.35E-03	1.03E-03	1.01E-03	1.01E-03	1.01E-03	7.47E-04	4.53E-04	9.69E-04	8.06E-04	7.82E-04	7.84E-04	7.82E-04	5.21E-04	2.28E-04
668	560822.92	4192105.67	1.32E-03	1.01E-03	9.85E-04	9.88E-04	9.85E-04	7.31E-04	4.43E-04	9.47E-04	7.88E-04	7.64E-04	7.66E-04	7.64E-04	5.09E-04	2.23E-04
669	560830.02	4192091.53	1.29E-03	9.86E-04	9.61E-04	9.63E-04	9.61E-04	7.12E-04	4.32E-04	9.24E-04	7.68E-04	7.45E-04	7.47E-04	7.45E-04	4.97E-04	2.17E-04
670	560837.11	4192077.39	1.26E-03	9.60E-04	9.36E-04	9.38E-04	9.36E-04	6.94E-04	4.21E-04	9.00E-04	7.48E-04	7.26E-04	7.28E-04	7.26E-04	4.84E-04	2.12E-04
671	560844.2	4192063.25	1.22E-03	9.35E-04	9.11E-04	9.13E-04	9.11E-04	6.76E-04	4.10E-04	8.76E-04	7.28E-04	7.06E-04	7.08E-04	7.06E-04	4.71E-04	2.06E-04
672	560857.9	4192044.76	1.20E-03	9.14E-04	8.91E-04	8.93E-04	8.91E-04	6.60E-04	4.00E-04	8.56E-04	7.12E-04	6.91E-04	6.92E-04	6.91E-04	4.60E-04	2.02E-04
673	560871.11	4192036.06	1.21E-03	9.21E-04	8.97E-04	9.00E-04	8.97E-04	6.65E-04	4.03E-04	8.63E-04	7.17E-04	6.96E-04	6.98E-04	6.96E-04	4.64E-04	2.03E-04
674	560884.32	4192027.35	1.22E-03	9.28E-04	9.04E-04	9.07E-04	9.04E-04	6.71E-04	4.06E-04	8.69E-04	7.23E-04	7.01E-04	7.03E-04	7.01E-04	4.67E-04	2.05E-04
675	560897.53	4192018.65	1.22E-03	9.33E-04	9.10E-04	9.12E-04	9.10E-04	6.75E-04	4.09E-04	8.74E-04	7.27E-04	7.05E-04	7.07E-04	7.05E-04	4.70E-04	2.06E-04
676	560910.74	4192009.94	1.23E-03	9.37E-04	9.13E-04	9.15E-04	9.13E-04	6.77E-04	4.10E-04	8.78E-04	7.30E-04	7.08E-04	7.10E-04	7.08E-04	4.72E-04	2.07E-04
677	560923.95	4192001.24	1.23E-03	9.38E-04	9.14E-04	9.16E-04	9.14E-04	6.78E-04	4.11E-04	8.78E-04	7.31E-04	7.09E-04	7.11E-04	7.09E-04	4.72E-04	2.07E-04
678	560937.16	4191992.54	1.23E-03	9.36E-04	9.12E-04	9.14E-04	9.12E-04	6.76E-04	4.10E-04	8.77E-04	7.29E-04	7.07E-04	7.09E-04	7.07E-04	4.71E-04	2.06E-04
679	560950.36	4191983.83	1.22E-03	9.30E-04	9.07E-04	9.09E-04	9.07E-04	6.72E-04	4.08E-04	8.72E-04	7.25E-04	7.03E-04	7.05E-04	7.03E-04	4.69E-04	2.05E-04
680	560789.35	4192177.28	1.45E-03	1.10E-03	1.08E-03	1.08E-03	1.08E-03	7.98E-04	4.84E-04	1.03E-03	8.60E-04	8.34E-04	8.37E-04	8.34E-04	5.56E-04	2.44E-04
681	560786.05	4192193.27	1.48E-03	1.13E-03	1.10E-03	1.10E-03	1.10E-03	8.16E-04	4.94E-04	1.06E-03	8.79E-04	8.53E-04	8.55E-04	8.53E-04	5.69E-04	2.49E-04
682	560784.68	4192160.33	1.36E-03	1.04E-03	1.02E-03	1.02E-03	1.02E-03	7.53E-04	4.56E-04	9.76E-04	8.12E-04	7.87E-04	7.89E-04	7.87E-04	5.25E-04	2.30E-04
683	560791.64	4192146.47	1.35E-03	1.03E-03	1.00E-03	1.01E-03	1.00E-03	7.44E-04	4.51E-04	9.65E-04	8.03E-04	7.78E-04	7.81E-04	7.78E-04	5.19E-04	2.27E-04
684	560798.6	4192132.6	1.33E-03	1.01E-03	9.89E-04	9.92E-04	9.89E-04	7.33E-04	4.45E-04	9.51E-04	7.91E-04	7.67E-04	7.69E-04	7.67E-04	5.11E-04	2.24E-04
685	560805.56	4192118.73	1.30E-03	9.96E-04	9.71E-04	9.73E-04	9.71E-04	7.20E-04	4.36E-04	9.33E-04	7.76E-04	7.53E-04	7.55E-04	7.53E-04	5.02E-04	2.20E-04
686	560812.51	4192104.87	1.28E-03	9.75E-04	9.50E-04	9.53E-04	9.50E-04	7.05E-04	4.27E-04	9.13E-04	7.60E-04	7.37E-04	7.39E-04	7.37E-04	4.91E-04	2.15E-04
687	560819.47	4192091	1.25E-03	9.52E-04	9.28E-04	9.31E-04	9.28E-04	6.88E-04	4.17E-04	8.92E-04	7.42E-04	7.20E-04	7.22E-04	7.20E-04	4.80E-04	2.10E-04
688	560826.43	4192077.13	1.22E-03	9.29E-04	9.05E-04	9.08E-04	9.05E-04	6.71E-04	4.07E-04	8.70E-04	7.24E-04	7.02E-04	7.04E-04	7.02E-04	4.68E-04	2.05E-04
689	560833.39	4192063.27	1.19E-03	9.06E-04	8.83E-04	8.85E-04	8.83E-04	6.55E-04	3.97E-04	8.48E-04	7.06E-04	6.84E-04	6.86E-04	6.84E-04	4.56E-04	2.00E-04
690	560840.35	4192049.4	1.16E-03	8.82E-04	8.60E-04	8.63E-04	8.60E-04	6.38E-04	3.87E-04	8.27E-04	6.88E-04	6.67E-04	6.69E-04	6.67E-04	4.45E-04	1.95E-04
691	560850.3	4192038.2	1.15E-03	8.75E-04	8.53E-04	8.55E-04	8.53E-04	6.32E-04	3.83E-04	8.20E-04	6.82E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
692	560863.26	4192029.66	1.16E-03	8.82E-04	8.59E-04	8.62E-04	8.59E-04	6.37E-04	3.86E-04	8.26E-04	6.87E-04	6.66E-04	6.68E-04	6.66E-04	4.44E-04	1.95E-04
693	560876.21	4192021.13	1.16E-03	8.88E-04	8.65E-04	8.68E-04	8.65E-04	6.42E-04	3.89E-04	8.32E-04	6.92E-04	6.71E-04	6.73E-04	6.71E-04	4.47E-04	1.96E-04
694	560889.17	4192012.59	1.17E-03	8.94E-04	8.71E-04	8.74E-04	8.71E-04	6.46E-04	3.92E-04	8.38E-04	6.96E-04	6.76E-04	6.77E-04	6.76E-04	4.50E-04	1.97E-04
695	560902.12	4192004.05	1.18E-03	8.98E-04	8.75E-04	8.78E-04	8.75E-04	6.49E-04	3.93E-04	8.41E-04	7.00E-04	6.79E-04	6.81E-04	6.79E-04	4.52E-04	1.98E-04
696	560915.08	4191995.52	1.18E-03	9.00E-04	8.77E-04	8.79E-04	8.77E-04	6.50E-04	3.94E-04	8.43E-04	7.01E-04	6.80E-04	6.82E-04	6.80E-04	4.53E-04	1.99E-04
697	560928.03	4191986.98	1.18E-03	8.99E-04	8.76E-04	8.79E-04	8.76E-04	6.50E-04	3.94E-04	8.42E-04	7.01E-04	6.80E-04	6.81E-04	6.80E-04	4.53E-04	1.98E-04
698	560940.98	4191978.44	1.17E-03	8.96E-04	8.73E-04	8.75E-04	8.73E-04	6.47E-04	3.92E-04	8.39E-04	6.98E-04	6.77E-04	6.79E-04	6.77E-04	4.51E-04	1.98E-04
699	560779.55	4192175.26	1.39E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	7.65E-04	4.64E-04	9.91E-04	8.24E-04	8.00E-04	8.02E-04	8.00E-04	5.33E-04	2.33E-04
700	560776.25	4192191.25	1.41E-03	1.08E-03	1.05E-03	1.06E-03	1.05E-03	7.80E-04	4.73E-04	1.01E-03	8.41E-04	8.16E-04	8.18E-04	8.16E-04	5.44E-04	2.38E-04
701	560775.02	4192158.06	1.31E-03	9.99E-04	9.74E-04	9.76E-04	9.74E-04	7.22E-04	4.38E-04	9.36E-04	7.78E-04	7.55E-04	7.57E-04	7.55E-04	5.03E-04	2.20E-04
702	560782.23	4192143.68	1.30E-03	9.89E-04	9.64E-04	9.67E-04	9.64E-04	7.15E-04	4.33E-04	9.27E-04	7.71E-04	7.48E-04	7.50E-04	7.48E-04	4.98E-04	2.18E-04
703	560789.45	4192129.3	1.28E-03	9.74E-04	9.50E-04	9.52E-04	9.50E-04	7.04E-04	4.27E-04	9.13E-04	7.59E-04	7.36E-04	7.39E-04	7.36E-04	4.91E-04	2.15E-04
704	560796.66	4192114.92	1.25E-03	9.56E-04	9.32E-04	9.35E-04	9.32E-04	6.91E-04	4.19E-04	8.96E-04	7.45E-04	7.23E-04	7.25E-04	7.23E-04	4.82E-04	2.11E-04
705	560803.88	4192100.54	1.23E-03	9.36E-04	9.12E-04	9.15E-04	9.12E-04	6.76E-04	4.10E-04	8.77E-04	7.29E-04	7.07E-04	7.09E-04	7.07E-04	4.72E-04	2.06E-04
706	560811.09	4192086.16	1.20E-03	9.14E-04	8.91E-04	8.93E-04	8.91E-04	6.60E-04	4.00E-04	8.56E-04	7.12E-04	6.91E-04	6.93E-04	6.91E-04	4.60E-04	2.02E-04
707	560818.31	4192071.78	1.17E-03	8.91E-04	8.69E-04	8.71E-04	8.69E-04	6.44E-04	3.91E-04	8.35E-04	6.94E-04	6.74E-04	6.75E-04	6.74E-04	4.49E-04	1.97E-04
708	560825.53	4192057.39	1.14E-03	8.68E-04	8.47E-04	8.49E-04	8.47E-04	6.28E-04	3.81E-04	8.14E-04	6.77E-04	6.56E-04	6.58E-04	6.56E-04	4.38E-04	1.92E-04
709	560832.74	4192043.01	1.11E-03	8.46E-04	8.25E-04	8.27E-04	8.25E-04	6.12E-04	3.71E-04	7.93E-04	6.59E-04	6.40E-04	6.41E-04	6.40E-04	4.26E-04	1.87E-04
710	560843.07	4192031.4	1.10E-03	8.39E-04	8.18E-04	8.20E-04	8.18E-04	6.06E-04	3.68E-04	7.86E-04	6.54E-04	6.34E-04	6.36E-04	6.34E-04	4.23E-04	1.85E-04
711	560856.5	4192022.55	1.11E-03	8.46E-04	8.24E-04	8.27E-04	8.24E-04	6.11E-04	3.71E-04	7.92E-04	6.59E-04	6.39E-04	6.41E-04	6.39E-04	4.26E-04	1.87E-04
712	560869.94	4192013.69	1.12E-03	8.52E-04	8.30E-04	8.33E-04	8.30E-04	6.16E-04	3.73E-04	7.98E-04	6.64E-04	6.44E-04	6.46E-04	6.44E-04	4.29E-04	1.88E-04
713	560883.37	4192004.84	1.12E-03	8.58E-04	8.36E-04	8.38E-04	8.36E-04	6.20E-04	3.76E-04	8.04E-04	6.68E-04	6.48E-04	6.50E-04	6.48E-04	4.32E-04	1.89E-04
714	560896.81	4191995.99	1.13E-03	8.62E-04	8.40E-04	8.43E-04	8.40E-04	6.23E-04	3.78E-04	8.08E-04	6.72E-04	6.52E-04	6.53E-04	6.52E-04	4.34E-04	1.90E-04
715	560910.24	4191987.13	1.13E-03	8.64E-04	8.42E-04	8.45E-04	8.42E-04	6.25E-04	3.79E-04	8.10E-04	6.73E-04	6.53E-04	6.55E-04	6.53E-04	4.36E-04	1.91E-04
716	560923.67	4191978.28	1.13E-03	8.64E-04	8.42E-04	8.44E-04	8.42E-04	6.								

744	560783.13	4192098.8	1.15E-03	8.74E-04	8.52E-04	8.54E-04	8.52E-04	6.32E-04	3.83E-04	8.19E-04	6.81E-04	6.61E-04	6.62E-04	6.61E-04	4.40E-04	1.93E-04
745	560790.09	4192084.94	1.12E-03	8.55E-04	8.33E-04	8.35E-04	8.33E-04	6.18E-04	3.74E-04	8.01E-04	6.66E-04	6.46E-04	6.48E-04	6.46E-04	4.31E-04	1.89E-04
746	560797.05	4192071.07	1.09E-03	8.35E-04	8.14E-04	8.16E-04	8.14E-04	6.03E-04	3.66E-04	7.82E-04	6.50E-04	6.31E-04	6.33E-04	6.31E-04	4.21E-04	1.84E-04
747	560804.01	4192057.2	1.07E-03	8.16E-04	7.95E-04	7.98E-04	7.95E-04	5.90E-04	3.58E-04	7.65E-04	6.36E-04	6.17E-04	6.19E-04	6.17E-04	4.11E-04	1.80E-04
748	560810.96	4192043.34	1.05E-03	7.98E-04	7.78E-04	7.80E-04	7.78E-04	5.77E-04	3.50E-04	7.48E-04	6.22E-04	6.03E-04	6.05E-04	6.03E-04	4.02E-04	1.76E-04
749	560817.92	4192029.47	1.02E-03	7.79E-04	7.60E-04	7.62E-04	7.60E-04	5.63E-04	3.42E-04	7.30E-04	6.07E-04	5.89E-04	5.91E-04	5.89E-04	3.93E-04	1.72E-04
750	560827.88	4192018.27	1.01E-03	7.73E-04	7.54E-04	7.56E-04	7.54E-04	5.59E-04	3.39E-04	7.25E-04	6.03E-04	5.84E-04	5.86E-04	5.84E-04	3.90E-04	1.71E-04
751	560840.83	4192009.73	1.02E-03	7.79E-04	7.60E-04	7.62E-04	7.60E-04	5.63E-04	3.42E-04	7.30E-04	6.07E-04	5.89E-04	5.91E-04	5.89E-04	3.93E-04	1.72E-04
752	560853.79	4192001.2	1.03E-03	7.85E-04	7.65E-04	7.67E-04	7.65E-04	5.68E-04	3.44E-04	7.36E-04	6.12E-04	5.93E-04	5.95E-04	5.93E-04	3.96E-04	1.73E-04
753	560866.74	4191992.66	1.04E-03	7.90E-04	7.70E-04	7.72E-04	7.70E-04	5.71E-04	3.46E-04	7.41E-04	6.16E-04	5.97E-04	5.99E-04	5.97E-04	3.98E-04	1.74E-04
754	560879.7	4191984.12	1.04E-03	7.95E-04	7.75E-04	7.77E-04	7.75E-04	5.75E-04	3.48E-04	7.45E-04	6.19E-04	6.01E-04	6.03E-04	6.01E-04	4.01E-04	1.75E-04
755	560892.65	4191975.59	1.05E-03	7.99E-04	7.78E-04	7.80E-04	7.78E-04	5.77E-04	3.50E-04	7.48E-04	6.22E-04	6.04E-04	6.05E-04	6.04E-04	4.02E-04	1.76E-04
756	560905.61	4191967.05	1.05E-03	8.00E-04	7.80E-04	7.82E-04	7.80E-04	5.78E-04	3.51E-04	7.50E-04	6.23E-04	6.05E-04	6.06E-04	6.05E-04	4.03E-04	1.77E-04
757	560918.56	4191958.51	1.05E-03	8.00E-04	7.79E-04	7.81E-04	7.79E-04	5.78E-04	3.50E-04	7.49E-04	6.23E-04	6.04E-04	6.06E-04	6.04E-04	4.03E-04	1.76E-04
758	560931.52	4191949.98	1.04E-03	7.97E-04	7.77E-04	7.79E-04	7.77E-04	5.76E-04	3.49E-04	7.46E-04	6.21E-04	6.02E-04	6.04E-04	6.02E-04	4.01E-04	1.76E-04
759	560750.17	4192169.2	1.22E-03	9.34E-04	9.10E-04	9.13E-04	9.10E-04	6.75E-04	4.09E-04	8.75E-04	7.28E-04	7.06E-04	7.08E-04	7.06E-04	4.71E-04	2.06E-04
760	560746.87	4192185.19	1.25E-03	9.51E-04	9.27E-04	9.30E-04	9.27E-04	6.88E-04	4.17E-04	8.91E-04	7.41E-04	7.19E-04	7.21E-04	7.19E-04	4.79E-04	2.10E-04
761	560745.62	4192152.02	1.16E-03	8.87E-04	8.65E-04	8.67E-04	8.65E-04	6.41E-04	3.89E-04	8.31E-04	6.91E-04	6.70E-04	6.72E-04	6.70E-04	4.47E-04	1.96E-04
762	560752.81	4192137.69	1.15E-03	8.79E-04	8.56E-04	8.59E-04	8.56E-04	6.35E-04	3.85E-04	8.23E-04	6.85E-04	6.64E-04	6.66E-04	6.64E-04	4.43E-04	1.94E-04
763	560760	4192123.36	1.14E-03	8.68E-04	8.46E-04	8.49E-04	8.46E-04	6.28E-04	3.81E-04	8.14E-04	6.77E-04	6.56E-04	6.58E-04	6.56E-04	4.38E-04	1.92E-04
764	560767.19	4192109.03	1.12E-03	8.56E-04	8.34E-04	8.36E-04	8.34E-04	6.18E-04	3.75E-04	8.02E-04	6.67E-04	6.47E-04	6.48E-04	6.47E-04	4.31E-04	1.89E-04
765	560774.38	4192094.7	1.10E-03	8.40E-04	8.19E-04	8.21E-04	8.19E-04	6.07E-04	3.68E-04	7.87E-04	6.55E-04	6.35E-04	6.37E-04	6.35E-04	4.23E-04	1.85E-04
766	560781.57	4192080.37	1.08E-03	8.21E-04	8.01E-04	8.03E-04	8.01E-04	5.94E-04	3.60E-04	7.70E-04	6.40E-04	6.21E-04	6.23E-04	6.21E-04	4.14E-04	1.81E-04
767	560788.76	4192066.05	1.05E-03	8.01E-04	7.81E-04	7.83E-04	7.81E-04	5.79E-04	3.51E-04	7.51E-04	6.24E-04	6.06E-04	6.07E-04	6.06E-04	4.04E-04	1.77E-04
768	560795.95	4192051.72	1.03E-03	7.84E-04	7.64E-04	7.66E-04	7.64E-04	5.67E-04	3.44E-04	7.35E-04	6.11E-04	5.93E-04	5.94E-04	5.93E-04	3.95E-04	1.73E-04
769	560803.14	4192037.39	1.00E-03	7.66E-04	7.47E-04	7.49E-04	7.47E-04	5.54E-04	3.36E-04	7.18E-04	5.97E-04	5.79E-04	5.81E-04	5.79E-04	3.86E-04	1.69E-04
770	560810.33	4192023.06	9.82E-04	7.49E-04	7.30E-04	7.32E-04	7.30E-04	5.42E-04	3.28E-04	7.02E-04	5.84E-04	5.66E-04	5.68E-04	5.66E-04	3.78E-04	1.65E-04
771	560820.62	4192011.48	9.74E-04	7.44E-04	7.25E-04	7.27E-04	7.25E-04	5.38E-04	3.26E-04	6.97E-04	5.79E-04	5.62E-04	5.64E-04	5.62E-04	3.75E-04	1.64E-04
772	560834.01	4192002.66	9.82E-04	7.50E-04	7.31E-04	7.33E-04	7.31E-04	5.42E-04	3.28E-04	7.02E-04	5.84E-04	5.67E-04	5.68E-04	5.67E-04	3.78E-04	1.65E-04
773	560847.39	4191993.84	9.90E-04	7.55E-04	7.36E-04	7.38E-04	7.36E-04	5.46E-04	3.31E-04	7.08E-04	5.89E-04	5.71E-04	5.73E-04	5.71E-04	3.81E-04	1.67E-04
774	560860.78	4191985.02	9.97E-04	7.61E-04	7.41E-04	7.44E-04	7.41E-04	5.50E-04	3.33E-04	7.13E-04	5.93E-04	5.75E-04	5.77E-04	5.75E-04	3.83E-04	1.68E-04
775	560874.17	4191976.2	1.00E-03	7.65E-04	7.46E-04	7.48E-04	7.46E-04	5.53E-04	3.35E-04	7.17E-04	5.96E-04	5.78E-04	5.80E-04	5.78E-04	3.86E-04	1.69E-04
776	560887.55	4191967.38	1.01E-03	7.69E-04	7.49E-04	7.52E-04	7.49E-04	5.56E-04	3.37E-04	7.20E-04	5.99E-04	5.81E-04	5.83E-04	5.81E-04	3.87E-04	1.70E-04
777	560900.94	4191958.56	1.01E-03	7.71E-04	7.51E-04	7.53E-04	7.51E-04	5.57E-04	3.38E-04	7.22E-04	6.01E-04	5.83E-04	5.84E-04	5.83E-04	3.88E-04	1.70E-04
778	560914.33	4191949.74	1.01E-03	7.71E-04	7.51E-04	7.53E-04	7.51E-04	5.57E-04	3.38E-04	7.22E-04	6.00E-04	5.82E-04	5.84E-04	5.82E-04	3.88E-04	1.70E-04
779	560927.71	4191940.92	1.01E-03	7.68E-04	7.48E-04	7.51E-04	7.48E-04	5.55E-04	3.36E-04	7.20E-04	5.98E-04	5.80E-04	5.82E-04	5.80E-04	3.87E-04	1.69E-04
780	560740.38	4192167.18	1.18E-03	8.99E-04	8.77E-04	8.79E-04	8.77E-04	6.50E-04	3.94E-04	8.43E-04	7.01E-04	6.80E-04	6.82E-04	6.80E-04	4.53E-04	1.98E-04
781	560737.08	4192183.17	1.20E-03	9.16E-04	8.93E-04	8.95E-04	8.93E-04	6.62E-04	4.01E-04	8.58E-04	7.14E-04	6.92E-04	6.94E-04	6.92E-04	4.62E-04	2.02E-04
782	560929.86	4192237.22	3.56E-03	2.72E-03	2.65E-03	2.65E-03	2.65E-03	1.96E-03	1.19E-03	2.55E-03	2.12E-03	2.05E-03	2.06E-03	2.05E-03	1.37E-03	5.99E-04
783	560920.14	4192234.86	3.30E-03	2.52E-03	2.45E-03	2.46E-03	2.45E-03	1.82E-03	1.10E-03	2.36E-03	1.96E-03	1.90E-03	1.91E-03	1.90E-03	1.27E-03	5.55E-04
784	560917.86	4192244.25	3.35E-03	2.55E-03	2.49E-03	2.50E-03	2.49E-03	1.85E-03	1.12E-03	2.39E-03	1.99E-03	1.93E-03	1.94E-03	1.93E-03	1.29E-03	5.63E-04
785	560915.58	4192253.64	3.38E-03	2.58E-03	2.52E-03	2.52E-03	2.52E-03	1.87E-03	1.13E-03	2.42E-03	2.01E-03	1.95E-03	1.96E-03	1.95E-03	1.30E-03	5.70E-04
786	560913.29	4192263.03	3.41E-03	2.61E-03	2.54E-03	2.55E-03	2.54E-03	1.88E-03	1.14E-03	2.44E-03	2.03E-03	1.97E-03	1.97E-03	1.97E-03	1.31E-03	5.75E-04
787	560911.01	4192272.42	3.44E-03	2.62E-03	2.56E-03	2.56E-03	2.56E-03	1.90E-03	1.15E-03	2.46E-03	2.04E-03	1.98E-03	1.99E-03	1.98E-03	1.32E-03	5.78E-04
788	560910.43	4192232.49	3.07E-03	2.34E-03	2.28E-03	2.29E-03	2.28E-03	1.69E-03	1.03E-03	2.19E-03	1.82E-03	1.77E-03	1.77E-03	1.77E-03	1.18E-03	5.17E-04
789	560908.14	4192241.88	3.11E-03	2.37E-03	2.31E-03	2.32E-03	2.31E-03	1.72E-03	1.04E-03	2.22E-03	1.85E-03	1.79E-03	1.80E-03	1.79E-03	1.20E-03	5.24E-04
790	560905.86	4192251.28	3.14E-03	2.40E-03	2.34E-03	2.34E-03	2.34E-03	1.73E-03	1.05E-03	2.25E-03	1.87E-03	1.81E-03	1.82E-03	1.81E-03	1.21E-03	5.29E-04
791	560903.58	4192260.67	3.17E-03	2.42E-03	2.36E-03	2.36E-03	2.36E-03	1.75E-03	1.06E-03	2.27E-03	1.88E-03	1.83E-03	1.83E-03	1.83E-03	1.22E-03	5.34E-04
792	560901.29	4192270.06	3.19E-03	2.43E-03	2.37E-03	2.38E-03	2.37E-03	1.76E-03	1.07E-03	2.28E-03	1.90E-03	1.84E-03	1.84E-03	1.84E-03	1.23E-03	5.37E-04
793	560899.01	4192279.45	3.20E-03	2.44E-03	2.38E-03	2.39E-03	2.38E-03	1.77E-03	1.07E-03	2.29E-03	1.90E-03	1.85E-03	1.85E-03	1.85E-03	1.23E-03	5.39E-04
794	560896.73	4192288.84	3.21E-03	2.45E-03	2.39E-03	2.39E-03	2.39E-03	1.77E-03	1.07E-03	2.29E-03	1.91E-03	1.85E-03	1.85E-03	1.85E-03	1.23E-03	5.40E-04
795	560894.44	4192298.23	3.21E-03	2.45E-03	2.39E-03	2.39E-03	2.39E-03	1.77E-03	1.07E-03	2.29E-03	1.91E-03	1.85E-03	1.85E-03	1.85E-03	1.23E-03	5.40E-04
796	560900.71	4192230.13	2.86E-03	2.19E-03	2.13E-03	2.14E-03	2.13E-03	1.58E-03	9.57E-04	2.05E-03	1.70E-03	1.65E-03	1.66E-03	1.65E-03	1.10E-03	4.82E-04
797	560898.43	4192239.52	2.90E-03	2.21E-03	2.16E-03	2.16E-03	2.16E-03	1.60E-03	9.70E-04	2.07E-03	1.72E-03	1.67E-03	1.68E-03	1.67E-03	1.12E-03	4.88E-04
798	560896.14	4192248.91	2.93E-03	2.24E-03	2.18E-03	2.18E-03	2.18E-03	1.62E-03	9.79E-04	2.09E-03	1.74E-03	1.69E-03	1.69E-03	1.69E-03	1.13E-03	4.93E-04
799	560893.86	4192258.3	2.95E-03	2.25E-03	2.20E-03	2.20E-03	2.20E-03									

827	560855.57	4192288.78	2.45E-03	1.87E-03	1.82E-03	1.83E-03	1.82E-03	1.35E-03	8.19E-04	1.75E-03	1.46E-03	1.41E-03	1.42E-03	1.41E-03	9.42E-04	4.12E-04
828	560861.84	4192220.68	2.23E-03	1.70E-03	1.66E-03	1.66E-03	1.66E-03	1.23E-03	7.44E-04	1.59E-03	1.32E-03	1.28E-03	1.29E-03	1.28E-03	8.56E-04	3.75E-04
829	560859.56	4192230.07	2.25E-03	1.72E-03	1.67E-03	1.68E-03	1.67E-03	1.24E-03	7.52E-04	1.61E-03	1.34E-03	1.30E-03	1.30E-03	1.30E-03	8.65E-04	3.79E-04
830	560857.28	4192239.46	2.27E-03	1.73E-03	1.69E-03	1.69E-03	1.69E-03	1.25E-03	7.59E-04	1.62E-03	1.35E-03	1.31E-03	1.31E-03	1.31E-03	8.73E-04	3.82E-04
831	560854.99	4192248.85	2.28E-03	1.74E-03	1.70E-03	1.70E-03	1.70E-03	1.26E-03	7.64E-04	1.63E-03	1.36E-03	1.32E-03	1.32E-03	1.32E-03	8.78E-04	3.85E-04
832	560852.71	4192258.24	2.30E-03	1.75E-03	1.71E-03	1.71E-03	1.71E-03	1.27E-03	7.68E-04	1.64E-03	1.36E-03	1.32E-03	1.33E-03	1.32E-03	8.83E-04	3.86E-04
833	560850.42	4192267.63	2.30E-03	1.76E-03	1.71E-03	1.72E-03	1.71E-03	1.27E-03	7.70E-04	1.65E-03	1.37E-03	1.33E-03	1.33E-03	1.33E-03	8.85E-04	3.88E-04
834	560848.14	4192277.03	2.30E-03	1.76E-03	1.71E-03	1.72E-03	1.71E-03	1.27E-03	7.71E-04	1.65E-03	1.37E-03	1.33E-03	1.33E-03	1.33E-03	8.86E-04	3.88E-04
835	560845.86	4192286.42	2.30E-03	1.76E-03	1.71E-03	1.72E-03	1.71E-03	1.27E-03	7.70E-04	1.65E-03	1.37E-03	1.33E-03	1.33E-03	1.33E-03	8.86E-04	3.88E-04
836	560852.13	4192218.32	2.10E-03	1.61E-03	1.57E-03	1.57E-03	1.57E-03	1.16E-03	7.04E-04	1.50E-03	1.25E-03	1.21E-03	1.22E-03	1.21E-03	8.09E-04	3.54E-04
837	560849.84	4192227.71	2.13E-03	1.62E-03	1.58E-03	1.59E-03	1.58E-03	1.17E-03	7.11E-04	1.52E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	8.18E-04	3.58E-04
838	560847.56	4192237.1	2.14E-03	1.64E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.17E-04	1.53E-03	1.27E-03	1.24E-03	1.24E-03	1.24E-03	8.24E-04	3.61E-04
839	560845.28	4192246.49	2.16E-03	1.65E-03	1.60E-03	1.61E-03	1.60E-03	1.19E-03	7.21E-04	1.54E-03	1.28E-03	1.24E-03	1.25E-03	1.24E-03	8.29E-04	3.63E-04
840	560842.99	4192255.88	2.17E-03	1.65E-03	1.61E-03	1.62E-03	1.61E-03	1.19E-03	7.24E-04	1.55E-03	1.29E-03	1.25E-03	1.25E-03	1.25E-03	8.33E-04	3.65E-04
841	560840.71	4192265.27	2.17E-03	1.66E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.26E-04	1.55E-03	1.29E-03	1.25E-03	1.26E-03	1.25E-03	8.35E-04	3.66E-04
842	560838.42	4192274.66	2.17E-03	1.66E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.27E-04	1.55E-03	1.29E-03	1.25E-03	1.26E-03	1.25E-03	8.36E-04	3.66E-04
843	560836.14	4192284.05	2.17E-03	1.66E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.27E-04	1.55E-03	1.29E-03	1.25E-03	1.26E-03	1.25E-03	8.36E-04	3.66E-04
844	560842.41	4192215.95	1.99E-03	1.52E-03	1.48E-03	1.49E-03	1.48E-03	1.10E-03	6.67E-04	1.43E-03	1.19E-03	1.15E-03	1.15E-03	1.15E-03	7.67E-04	3.36E-04
845	560840.13	4192225.34	2.01E-03	1.54E-03	1.50E-03	1.50E-03	1.50E-03	1.11E-03	6.73E-04	1.44E-03	1.20E-03	1.16E-03	1.16E-03	1.16E-03	7.74E-04	3.39E-04
846	560837.84	4192234.74	2.03E-03	1.55E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.78E-04	1.45E-03	1.21E-03	1.17E-03	1.17E-03	1.17E-03	7.80E-04	3.42E-04
847	560835.56	4192244.13	2.04E-03	1.56E-03	1.52E-03	1.52E-03	1.52E-03	1.13E-03	6.83E-04	1.46E-03	1.21E-03	1.18E-03	1.18E-03	1.18E-03	7.85E-04	3.44E-04
848	560833.27	4192253.52	2.05E-03	1.56E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.85E-04	1.47E-03	1.22E-03	1.18E-03	1.19E-03	1.18E-03	7.88E-04	3.45E-04
849	560830.99	4192262.91	2.05E-03	1.57E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.87E-04	1.47E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	7.90E-04	3.46E-04
850	560828.71	4192272.3	2.06E-03	1.57E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.88E-04	1.47E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	7.91E-04	3.46E-04
851	560826.42	4192281.69	2.05E-03	1.57E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.87E-04	1.47E-03	1.22E-03	1.19E-03	1.19E-03	1.19E-03	7.90E-04	3.46E-04
852	560832.69	4192213.59	1.89E-03	1.44E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.33E-04	1.35E-03	1.12E-03	1.09E-03	1.09E-03	1.09E-03	7.28E-04	3.19E-04
853	560830.41	4192222.98	1.91E-03	1.46E-03	1.42E-03	1.42E-03	1.42E-03	1.05E-03	6.39E-04	1.37E-03	1.14E-03	1.10E-03	1.10E-03	1.10E-03	7.34E-04	3.22E-04
854	560828.13	4192232.37	1.92E-03	1.47E-03	1.43E-03	1.44E-03	1.43E-03	1.06E-03	6.43E-04	1.38E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	7.40E-04	3.24E-04
855	560825.84	4192241.76	1.93E-03	1.48E-03	1.44E-03	1.44E-03	1.44E-03	1.07E-03	6.47E-04	1.38E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	7.44E-04	3.26E-04
856	560823.56	4192251.15	1.94E-03	1.48E-03	1.45E-03	1.45E-03	1.45E-03	1.07E-03	6.50E-04	1.39E-03	1.16E-03	1.12E-03	1.12E-03	1.12E-03	7.47E-04	3.27E-04
857	560821.27	4192260.55	1.95E-03	1.49E-03	1.45E-03	1.45E-03	1.45E-03	1.07E-03	6.51E-04	1.39E-03	1.16E-03	1.12E-03	1.13E-03	1.12E-03	7.49E-04	3.28E-04
858	560818.99	4192269.94	1.95E-03	1.49E-03	1.45E-03	1.45E-03	1.45E-03	1.08E-03	6.52E-04	1.39E-03	1.16E-03	1.12E-03	1.13E-03	1.12E-03	7.50E-04	3.28E-04
859	560816.71	4192279.33	1.95E-03	1.49E-03	1.45E-03	1.45E-03	1.45E-03	1.07E-03	6.51E-04	1.39E-03	1.16E-03	1.12E-03	1.13E-03	1.12E-03	7.49E-04	3.28E-04
860	560822.98	4192211.23	1.80E-03	1.37E-03	1.34E-03	1.34E-03	1.34E-03	9.92E-04	6.01E-04	1.29E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	6.92E-04	3.03E-04
861	560820.69	4192220.62	1.81E-03	1.39E-03	1.35E-03	1.35E-03	1.35E-03	1.00E-03	6.07E-04	1.30E-03	1.08E-03	1.05E-03	1.05E-03	1.05E-03	6.98E-04	3.06E-04
862	560818.41	4192230.01	1.83E-03	1.40E-03	1.36E-03	1.36E-03	1.36E-03	1.01E-03	6.11E-04	1.31E-03	1.09E-03	1.05E-03	1.06E-03	1.05E-03	7.03E-04	3.08E-04
863	560816.12	4192239.4	1.84E-03	1.40E-03	1.37E-03	1.37E-03	1.37E-03	1.01E-03	6.15E-04	1.31E-03	1.09E-03	1.06E-03	1.06E-03	1.06E-03	7.07E-04	3.09E-04
864	560813.84	4192248.79	1.85E-03	1.41E-03	1.37E-03	1.38E-03	1.37E-03	1.02E-03	6.17E-04	1.32E-03	1.10E-03	1.06E-03	1.07E-03	1.06E-03	7.10E-04	3.11E-04
865	560811.56	4192258.18	1.85E-03	1.41E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.18E-04	1.32E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.11E-04	3.11E-04
866	560809.27	4192267.57	1.85E-03	1.41E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.19E-04	1.32E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.12E-04	3.12E-04
867	560806.99	4192276.97	1.85E-03	1.41E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.18E-04	1.32E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.11E-04	3.11E-04
868	560813.26	4192208.86	1.71E-03	1.31E-03	1.27E-03	1.28E-03	1.27E-03	9.45E-04	5.73E-04	1.22E-03	1.02E-03	9.88E-04	9.91E-04	9.88E-04	6.59E-04	2.88E-04
869	560810.98	4192218.26	1.73E-03	1.32E-03	1.29E-03	1.29E-03	1.29E-03	9.53E-04	5.78E-04	1.24E-03	1.03E-03	9.97E-04	9.99E-04	9.97E-04	6.64E-04	2.91E-04
870	560808.69	4192227.65	1.74E-03	1.33E-03	1.29E-03	1.30E-03	1.29E-03	9.60E-04	5.82E-04	1.24E-03	1.03E-03	1.00E-03	1.01E-03	1.00E-03	6.69E-04	2.93E-04
871	560806.41	4192237.04	1.75E-03	1.33E-03	1.30E-03	1.30E-03	1.30E-03	9.65E-04	5.85E-04	1.25E-03	1.04E-03	1.01E-03	1.01E-03	1.01E-03	6.73E-04	2.94E-04
872	560804.12	4192246.43	1.76E-03	1.34E-03	1.31E-03	1.31E-03	1.31E-03	9.68E-04	5.87E-04	1.26E-03	1.04E-03	1.01E-03	1.02E-03	1.01E-03	6.75E-04	2.96E-04
873	560801.84	4192255.82	1.76E-03	1.34E-03	1.31E-03	1.31E-03	1.31E-03	9.70E-04	5.88E-04	1.26E-03	1.05E-03	1.01E-03	1.02E-03	1.01E-03	6.77E-04	2.96E-04
874	560799.56	4192265.21	1.76E-03	1.34E-03	1.31E-03	1.31E-03	1.31E-03	9.71E-04	5.89E-04	1.26E-03	1.05E-03	1.02E-03	1.02E-03	1.02E-03	6.77E-04	2.96E-04
875	560797.27	4192274.6	1.76E-03	1.34E-03	1.31E-03	1.31E-03	1.31E-03	9.70E-04	5.88E-04	1.26E-03	1.05E-03	1.01E-03	1.02E-03	1.01E-03	6.76E-04	2.96E-04
876	560803.54	4192206.5	1.63E-03	1.25E-03	1.22E-03	1.22E-03	1.22E-03	9.01E-04	5.46E-04	1.17E-03	9.71E-04	9.42E-04	9.45E-04	9.42E-04	6.28E-04	2.75E-04
877	560801.26	4192215.89	1.65E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	9.09E-04	5.51E-04	1.18E-03	9.80E-04	9.50E-04	9.53E-04	9.50E-04	6.33E-04	2.77E-04
878	560798.98	4192225.28	1.66E-03	1.27E-03	1.23E-03	1.24E-03	1.23E-03	9.15E-04	5.55E-04	1.19E-03	9.86E-04	9.57E-04	9.59E-04	9.57E-04	6.38E-04	2.79E-04
879	560796.69	4192234.67	1.67E-03	1.27E-03	1.24E-03	1.24E-03	1.24E-03	9.19E-04	5.57E-04	1.19E-03	9.91E-04	9.61E-04	9.64E-04	9.61E-04	6.41E-04	2.81E-04
880	560794.41	4192244.07	1.67E-03	1.28E-03	1.24E-03	1.25E-03	1.24E-03	9.23E-04	5.59E-04	1.20E-03	9.95E-04	9.65E-04	9.67E-04	9.65E-04	6.43E-04	2.82E-04
881	560792.12	4192253.46	1.68E-03	1.28E-03	1.25E-03	1.25E-03	1.25E-03	9.24E-04	5.60E-04	1.20E-03	9.97E-04	9.67E-04	9.69E-04	9.67E-04	6.44E-04	2.82E-04
882	560789.84	4192262.85	1.68E-03	1.28E-03	1.25E-03	1.25E-03	1.25E									

910	560753.26	4192244.01	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	1.00E-03	8.32E-04	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
911	560750.97	4192253.4	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	1.00E-03	8.32E-04	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
912	560748.69	4192262.79	1.40E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	9.98E-04	8.30E-04	8.05E-04	8.08E-04	8.05E-04	5.37E-04	2.35E-04
913	560752.67	4192204.08	1.31E-03	1.00E-03	9.78E-04	9.81E-04	9.78E-04	7.25E-04	4.40E-04	9.40E-04	7.82E-04	7.58E-04	7.60E-04	7.58E-04	5.06E-04	2.21E-04	
914	560750.39	4192213.47	1.32E-03	1.01E-03	9.83E-04	9.86E-04	9.83E-04	7.29E-04	4.42E-04	9.45E-04	7.86E-04	7.63E-04	7.65E-04	7.63E-04	5.08E-04	2.23E-04	
915	560748.11	4192222.86	1.33E-03	1.01E-03	9.89E-04	9.92E-04	9.89E-04	7.33E-04	4.45E-04	9.51E-04	7.91E-04	7.67E-04	7.69E-04	7.67E-04	5.11E-04	2.24E-04	
916	560745.82	4192232.25	1.34E-03	1.02E-03	9.93E-04	9.96E-04	9.93E-04	7.37E-04	4.46E-04	9.55E-04	7.94E-04	7.70E-04	7.72E-04	7.70E-04	5.13E-04	2.25E-04	
917	560743.54	4192241.64	1.34E-03	1.02E-03	9.96E-04	9.98E-04	9.96E-04	7.38E-04	4.48E-04	9.57E-04	7.96E-04	7.72E-04	7.74E-04	7.72E-04	5.15E-04	2.25E-04	
918	560741.26	4192251.03	1.34E-03	1.02E-03	9.96E-04	9.98E-04	9.96E-04	7.38E-04	4.48E-04	9.57E-04	7.96E-04	7.72E-04	7.74E-04	7.72E-04	5.15E-04	2.25E-04	
919	560738.97	4192260.43	1.34E-03	1.02E-03	9.94E-04	9.96E-04	9.94E-04	7.37E-04	4.47E-04	9.55E-04	7.94E-04	7.70E-04	7.73E-04	7.70E-04	5.14E-04	2.25E-04	
920	560742.96	4192201.71	1.26E-03	9.64E-04	9.40E-04	9.42E-04	9.40E-04	6.97E-04	4.22E-04	9.03E-04	7.51E-04	7.29E-04	7.31E-04	7.29E-04	4.86E-04	2.13E-04	
921	560740.67	4192211.11	1.27E-03	9.69E-04	9.45E-04	9.47E-04	9.45E-04	7.01E-04	4.25E-04	9.08E-04	7.55E-04	7.32E-04	7.35E-04	7.32E-04	4.88E-04	2.14E-04	
922	560738.39	4192220.5	1.28E-03	9.73E-04	9.49E-04	9.51E-04	9.49E-04	7.04E-04	4.27E-04	9.12E-04	7.59E-04	7.36E-04	7.38E-04	7.36E-04	4.91E-04	2.15E-04	
923	560736.11	4192229.89	1.28E-03	9.77E-04	9.52E-04	9.55E-04	9.52E-04	7.06E-04	4.28E-04	9.15E-04	7.61E-04	7.38E-04	7.40E-04	7.38E-04	4.92E-04	2.16E-04	
924	560733.82	4192239.28	1.28E-03	9.78E-04	9.54E-04	9.56E-04	9.54E-04	7.07E-04	4.29E-04	9.17E-04	7.62E-04	7.39E-04	7.41E-04	7.39E-04	4.93E-04	2.16E-04	
925	560731.54	4192248.67	1.28E-03	9.78E-04	9.53E-04	9.56E-04	9.53E-04	7.07E-04	4.29E-04	9.17E-04	7.62E-04	7.39E-04	7.41E-04	7.39E-04	4.93E-04	2.16E-04	
926	560729.26	4192258.06	1.28E-03	9.76E-04	9.51E-04	9.54E-04	9.51E-04	7.05E-04	4.28E-04	9.14E-04	7.60E-04	7.38E-04	7.40E-04	7.38E-04	4.92E-04	2.15E-04	
927	560733.24	4192199.35	1.21E-03	9.27E-04	9.04E-04	9.06E-04	9.04E-04	6.70E-04	4.06E-04	8.69E-04	7.23E-04	7.01E-04	7.03E-04	7.01E-04	4.67E-04	2.05E-04	
928	560730.96	4192208.74	1.22E-03	9.32E-04	9.08E-04	9.11E-04	9.08E-04	6.74E-04	4.08E-04	8.73E-04	7.26E-04	7.04E-04	7.06E-04	7.04E-04	4.70E-04	2.06E-04	
929	560728.67	4192218.13	1.23E-03	9.35E-04	9.12E-04	9.14E-04	9.12E-04	6.76E-04	4.10E-04	8.76E-04	7.29E-04	7.07E-04	7.09E-04	7.07E-04	4.71E-04	2.06E-04	
930	560726.39	4192227.53	1.23E-03	9.38E-04	9.14E-04	9.17E-04	9.14E-04	6.78E-04	4.11E-04	8.79E-04	7.31E-04	7.09E-04	7.11E-04	7.09E-04	4.73E-04	2.07E-04	
931	560724.11	4192236.92	1.23E-03	9.38E-04	9.15E-04	9.17E-04	9.15E-04	6.78E-04	4.11E-04	8.79E-04	7.31E-04	7.09E-04	7.11E-04	7.09E-04	4.73E-04	2.07E-04	
932	560721.82	4192246.31	1.23E-03	9.38E-04	9.14E-04	9.17E-04	9.14E-04	6.78E-04	4.11E-04	8.79E-04	7.31E-04	7.09E-04	7.11E-04	7.09E-04	4.73E-04	2.07E-04	
933	560719.54	4192255.7	1.23E-03	9.36E-04	9.13E-04	9.15E-04	9.13E-04	6.77E-04	4.10E-04	8.77E-04	7.30E-04	7.08E-04	7.10E-04	7.08E-04	4.72E-04	2.07E-04	
934	560891.64	4192311.4	3.21E-03	2.45E-03	2.39E-03	2.39E-03	2.39E-03	1.77E-03	1.07E-03	2.29E-03	1.91E-03	1.85E-03	1.86E-03	1.85E-03	1.23E-03	5.40E-04	
935	560888.03	4192328.88	3.19E-03	2.44E-03	2.38E-03	2.38E-03	2.38E-03	1.76E-03	1.07E-03	2.28E-03	1.90E-03	1.84E-03	1.85E-03	1.84E-03	1.23E-03	5.38E-04	
936	560884.42	4192346.37	3.16E-03	2.41E-03	2.35E-03	2.36E-03	2.35E-03	1.75E-03	1.06E-03	2.26E-03	1.88E-03	1.82E-03	1.83E-03	1.82E-03	1.22E-03	5.33E-04	
937	560880.81	4192363.85	3.11E-03	2.38E-03	2.32E-03	2.32E-03	2.32E-03	1.72E-03	1.04E-03	2.23E-03	1.85E-03	1.80E-03	1.80E-03	1.80E-03	1.20E-03	5.24E-04	
938	560877.2	4192381.34	3.04E-03	2.32E-03	2.26E-03	2.27E-03	2.26E-03	1.68E-03	1.02E-03	2.18E-03	1.81E-03	1.76E-03	1.76E-03	1.76E-03	1.17E-03	5.13E-04	
939	560881.85	4192309.38	2.98E-03	2.28E-03	2.22E-03	2.23E-03	2.22E-03	1.65E-03	9.98E-04	2.13E-03	1.77E-03	1.72E-03	1.73E-03	1.72E-03	1.15E-03	5.02E-04	
940	560878.24	4192326.86	2.97E-03	2.27E-03	2.21E-03	2.22E-03	2.21E-03	1.64E-03	9.93E-04	2.12E-03	1.77E-03	1.71E-03	1.72E-03	1.71E-03	1.14E-03	5.00E-04	
941	560874.63	4192344.34	2.94E-03	2.24E-03	2.19E-03	2.19E-03	2.19E-03	1.62E-03	9.83E-04	2.10E-03	1.75E-03	1.70E-03	1.70E-03	1.70E-03	1.13E-03	4.95E-04	
942	560871.01	4192361.83	2.89E-03	2.21E-03	2.15E-03	2.16E-03	2.15E-03	1.59E-03	9.67E-04	2.07E-03	1.72E-03	1.67E-03	1.67E-03	1.67E-03	1.11E-03	4.87E-04	
943	560867.4	4192379.31	2.82E-03	2.16E-03	2.10E-03	2.11E-03	2.10E-03	1.56E-03	9.44E-04	2.02E-03	1.68E-03	1.63E-03	1.63E-03	1.63E-03	1.09E-03	4.76E-04	
944	560872.05	4192307.35	2.78E-03	2.13E-03	2.07E-03	2.08E-03	2.07E-03	1.54E-03	9.31E-04	1.99E-03	1.66E-03	1.61E-03	1.61E-03	1.61E-03	1.07E-03	4.69E-04	
945	560868.44	4192324.84	2.77E-03	2.11E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.26E-04	1.98E-03	1.65E-03	1.60E-03	1.60E-03	1.60E-03	1.07E-03	4.66E-04	
946	560864.83	4192342.32	2.74E-03	2.09E-03	2.04E-03	2.04E-03	2.04E-03	1.51E-03	9.16E-04	1.96E-03	1.63E-03	1.58E-03	1.58E-03	1.58E-03	1.05E-03	4.61E-04	
947	560861.22	4192359.81	2.69E-03	2.05E-03	2.00E-03	2.01E-03	2.00E-03	1.48E-03	9.00E-04	1.92E-03	1.60E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.53E-04	
948	560857.61	4192377.29	2.63E-03	2.01E-03	1.96E-03	1.96E-03	1.96E-03	1.45E-03	8.79E-04	1.88E-03	1.56E-03	1.52E-03	1.52E-03	1.52E-03	1.01E-03	4.43E-04	
949	560862.26	4192305.33	2.61E-03	1.99E-03	1.94E-03	1.94E-03	1.94E-03	1.44E-03	8.71E-04	1.86E-03	1.55E-03	1.50E-03	1.51E-03	1.50E-03	1.00E-03	4.39E-04	
950	560858.65	4192322.81	2.59E-03	1.98E-03	1.93E-03	1.93E-03	1.93E-03	1.43E-03	8.66E-04	1.85E-03	1.54E-03	1.49E-03	1.50E-03	1.49E-03	9.96E-04	4.36E-04	
951	560855.04	4192340.3	2.56E-03	1.95E-03	1.90E-03	1.91E-03	1.90E-03	1.41E-03	8.56E-04	1.83E-03	1.52E-03	1.48E-03	1.48E-03	1.48E-03	9.84E-04	4.31E-04	
952	560851.43	4192357.78	2.51E-03	1.92E-03	1.87E-03	1.87E-03	1.87E-03	1.39E-03	8.40E-04	1.80E-03	1.49E-03	1.45E-03	1.45E-03	1.45E-03	9.67E-04	4.23E-04	
953	560847.82	4192375.27	2.45E-03	1.87E-03	1.83E-03	1.83E-03	1.83E-03	1.35E-03	8.21E-04	1.76E-03	1.46E-03	1.42E-03	1.42E-03	1.42E-03	9.44E-04	4.13E-04	
954	560852.47	4192303.31	2.44E-03	1.87E-03	1.82E-03	1.82E-03	1.82E-03	1.35E-03	8.17E-04	1.75E-03	1.45E-03	1.41E-03	1.41E-03	1.41E-03	9.40E-04	4.11E-04	
955	560848.86	4192320.79	2.43E-03	1.85E-03	1.81E-03	1.81E-03	1.81E-03	1.34E-03	8.12E-04	1.74E-03	1.44E-03	1.40E-03	1.40E-03	1.40E-03	9.34E-04	4.09E-04	
956	560845.25	4192338.28	2.40E-03	1.83E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.02E-04	1.71E-03	1.43E-03	1.38E-03	1.39E-03	1.38E-03	9.22E-04	4.04E-04	
957	560841.63	4192355.76	2.35E-03	1.80E-03	1.75E-03	1.76E-03	1.75E-03	1.30E-03	7.87E-04	1.68E-03	1.40E-03	1.36E-03	1.36E-03	1.36E-03	9.05E-04	3.96E-04	
958	560838.02	4192373.25	2.30E-03	1.75E-03	1.71E-03	1.72E-03	1.71E-03	1.27E-03	7.69E-04	1.64E-03	1.37E-03	1.33E-03	1.33E-03	1.33E-03	8.84E-04	3.87E-04	
959	560842.67	4192301.28	2.30E-03	1.75E-03	1.71E-03	1.71E-03	1.71E-03	1.27E-03	7.68E-04	1.64E-03	1.37E-03	1.33E-03	1.33E-03	1.33E-03	8.84E-04	3.87E-04	
960	560839.06	4192318.77	2.28E-03	1.74E-03	1.70E-03	1.70E-03	1.70E-03	1.26E-03	7.63E-04	1.63E-03	1.36E-03	1.32E-03	1.32E-03	1.32E-03	8.78E-04	3.84E-04	
961	560835.45	4192336.25	2.26E-03	1.72E-03	1.68E-03	1.68E-03	1.68E-03	1.24E-03	7.54E-04	1.61E-03	1.34E-03	1.30E-03	1.30E-03	1.30E-03	8.67E-04	3.80E-04	
962	560831.84	4192353.74	2.21E-03	1.69E-03	1.65E-03	1.65E-03	1.65E-03	1.22E-03	7.41E-04	1.58E-03	1.32E-03	1.28E-03	1.28E-03	1.28E-03	8.52E-04	3.73E-04	
963	560828.23	4192371.22	2.16E-03	1.65E-03	1.61E-03	1.61E-03	1.61E-03	1.19E-03	7.23E-04	1.55E-03	1.28E-03	1.25E-03	1.25E-03	1.25E-03	8.31E-04	3.64E-04	
964	560832.88	4192299.26	2.17E-03	1.65E-03	1.61E-03	1.62E-03	1.61E-03	1.20E-03	7.25E-04	1.55E-03	1.29E-03	1.25E-03	1.25E-03	1.25E-03	8.34E-04	3.65E-04	
965	560829.27	4192316.75	2.15E-03	1.64E-0													

993	560769.47	4192359.09	1.56E-03	1.19E-03	1.16E-03	1.17E-03	1.16E-03	8.62E-04	5.22E-04	1.12E-03	9.29E-04	9.01E-04	9.04E-04	9.01E-04	6.01E-04	2.63E-04
994	560774.12	4192287.13	1.59E-03	1.21E-03	1.18E-03	1.19E-03	1.18E-03	8.78E-04	5.32E-04	1.14E-03	9.46E-04	9.18E-04	9.21E-04	9.18E-04	6.12E-04	2.68E-04
995	560770.51	4192304.61	1.58E-03	1.20E-03	1.17E-03	1.18E-03	1.17E-03	8.71E-04	5.28E-04	1.13E-03	9.39E-04	9.10E-04	9.13E-04	9.10E-04	6.07E-04	2.66E-04
996	560766.9	4192322.1	1.56E-03	1.19E-03	1.16E-03	1.16E-03	1.16E-03	8.59E-04	5.21E-04	1.11E-03	9.26E-04	8.98E-04	9.01E-04	8.98E-04	5.99E-04	2.62E-04
997	560763.29	4192339.58	1.53E-03	1.17E-03	1.14E-03	1.14E-03	1.14E-03	8.43E-04	5.11E-04	1.09E-03	9.08E-04	8.81E-04	8.83E-04	8.81E-04	5.87E-04	2.57E-04
998	560759.68	4192357.06	1.49E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	8.21E-04	4.98E-04	1.06E-03	8.85E-04	8.59E-04	8.61E-04	8.59E-04	5.73E-04	2.51E-04
999	560764.33	4192285.1	1.52E-03	1.16E-03	1.13E-03	1.13E-03	1.13E-03	8.38E-04	5.08E-04	1.09E-03	9.04E-04	8.77E-04	8.79E-04	8.77E-04	5.84E-04	2.56E-04
1000	560760.72	4192302.59	1.51E-03	1.15E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	1.08E-03	8.96E-04	8.69E-04	8.72E-04	8.69E-04	5.80E-04	2.54E-04
1001	560757.11	4192320.07	1.49E-03	1.13E-03	1.11E-03	1.11E-03	1.11E-03	8.20E-04	4.97E-04	1.06E-03	8.84E-04	8.57E-04	8.60E-04	8.57E-04	5.72E-04	2.50E-04
1002	560753.5	4192337.56	1.46E-03	1.11E-03	1.08E-03	1.09E-03	1.08E-03	8.04E-04	4.87E-04	1.04E-03	8.67E-04	8.41E-04	8.43E-04	8.41E-04	5.61E-04	2.45E-04
1003	560749.88	4192355.04	1.42E-03	1.08E-03	1.06E-03	1.06E-03	1.06E-03	7.84E-04	4.75E-04	1.02E-03	8.45E-04	8.19E-04	8.22E-04	8.19E-04	5.46E-04	2.39E-04
1004	560756.34	4192274.34	1.46E-03	1.11E-03	1.08E-03	1.09E-03	1.08E-03	8.04E-04	4.87E-04	1.04E-03	8.66E-04	8.40E-04	8.43E-04	8.40E-04	5.60E-04	2.45E-04
1005	560752.73	4192291.82	1.45E-03	1.10E-03	1.08E-03	1.08E-03	1.08E-03	7.98E-04	4.84E-04	1.03E-03	8.61E-04	8.35E-04	8.37E-04	8.35E-04	5.57E-04	2.44E-04
1006	560749.12	4192309.31	1.43E-03	1.09E-03	1.06E-03	1.07E-03	1.06E-03	7.89E-04	4.78E-04	1.02E-03	8.50E-04	8.25E-04	8.27E-04	8.25E-04	5.50E-04	2.41E-04
1007	560745.51	4192326.79	1.41E-03	1.07E-03	1.05E-03	1.05E-03	1.05E-03	7.75E-04	4.70E-04	1.00E-03	8.36E-04	8.11E-04	8.13E-04	8.11E-04	5.40E-04	2.37E-04
1008	560741.9	4192344.28	1.37E-03	1.05E-03	1.02E-03	1.02E-03	1.02E-03	7.58E-04	4.59E-04	9.82E-04	8.17E-04	7.93E-04	7.95E-04	7.93E-04	5.28E-04	2.31E-04
1009	560746.55	4192272.32	1.39E-03	1.06E-03	1.04E-03	1.04E-03	1.04E-03	7.68E-04	4.66E-04	9.96E-04	8.28E-04	8.03E-04	8.05E-04	8.03E-04	5.36E-04	2.34E-04
1010	560742.94	4192289.8	1.38E-03	1.06E-03	1.03E-03	1.03E-03	1.03E-03	7.63E-04	4.62E-04	9.89E-04	8.22E-04	7.97E-04	8.00E-04	7.97E-04	5.32E-04	2.33E-04
1011	560739.33	4192307.28	1.37E-03	1.04E-03	1.02E-03	1.02E-03	1.02E-03	7.53E-04	4.57E-04	9.76E-04	8.12E-04	7.88E-04	7.90E-04	7.88E-04	5.25E-04	2.30E-04
1012	560735.71	4192324.77	1.34E-03	1.02E-03	9.98E-04	1.00E-03	9.98E-04	7.40E-04	4.49E-04	9.59E-04	7.98E-04	7.74E-04	7.76E-04	7.74E-04	5.16E-04	2.26E-04
1013	560732.1	4192342.25	1.31E-03	1.00E-03	9.76E-04	9.79E-04	9.76E-04	7.24E-04	4.39E-04	9.38E-04	7.80E-04	7.57E-04	7.59E-04	7.57E-04	5.05E-04	2.21E-04
1014	560736.75	4192370.29	1.33E-03	1.02E-03	9.91E-04	9.93E-04	9.91E-04	7.35E-04	4.45E-04	9.52E-04	7.92E-04	7.68E-04	7.70E-04	7.68E-04	5.12E-04	2.24E-04
1015	560733.14	4192287.78	1.32E-03	1.01E-03	9.83E-04	9.86E-04	9.83E-04	7.29E-04	4.42E-04	9.45E-04	7.86E-04	7.62E-04	7.64E-04	7.62E-04	5.08E-04	2.23E-04
1016	560729.53	4192305.26	1.30E-03	9.96E-04	9.71E-04	9.73E-04	9.71E-04	7.20E-04	4.36E-04	9.33E-04	7.76E-04	7.53E-04	7.55E-04	7.53E-04	5.02E-04	2.20E-04
1017	560725.92	4192322.75	1.28E-03	9.78E-04	9.53E-04	9.56E-04	9.53E-04	7.07E-04	4.29E-04	9.16E-04	7.62E-04	7.39E-04	7.41E-04	7.39E-04	4.93E-04	2.16E-04
1018	560722.31	4192340.23	1.25E-03	9.57E-04	9.32E-04	9.35E-04	9.32E-04	6.92E-04	4.19E-04	8.96E-04	7.45E-04	7.23E-04	7.25E-04	7.23E-04	4.82E-04	2.11E-04
1019	560726.96	4192268.27	1.27E-03	9.73E-04	9.48E-04	9.51E-04	9.48E-04	7.03E-04	4.26E-04	9.11E-04	7.58E-04	7.35E-04	7.37E-04	7.35E-04	4.90E-04	2.15E-04
1020	560723.35	4192285.76	1.26E-03	9.65E-04	9.41E-04	9.43E-04	9.41E-04	6.97E-04	4.23E-04	9.04E-04	7.52E-04	7.29E-04	7.31E-04	7.29E-04	4.86E-04	2.13E-04
1021	560719.74	4192303.24	1.25E-03	9.53E-04	9.29E-04	9.32E-04	9.29E-04	6.89E-04	4.18E-04	8.93E-04	7.43E-04	7.21E-04	7.23E-04	7.21E-04	4.80E-04	2.10E-04
1022	560716.13	4192320.72	1.23E-03	9.37E-04	9.14E-04	9.16E-04	9.14E-04	6.78E-04	4.11E-04	8.78E-04	7.30E-04	7.08E-04	7.10E-04	7.08E-04	4.72E-04	2.07E-04
1023	560712.52	4192338.21	1.20E-03	9.17E-04	8.94E-04	8.96E-04	8.94E-04	6.63E-04	4.02E-04	8.59E-04	7.15E-04	6.93E-04	6.95E-04	6.93E-04	4.62E-04	2.02E-04
1024	560717.17	4192266.25	1.22E-03	9.34E-04	9.10E-04	9.12E-04	9.10E-04	6.75E-04	4.09E-04	8.75E-04	7.27E-04	7.06E-04	7.08E-04	7.06E-04	4.70E-04	2.06E-04
1025	560713.56	4192283.73	1.21E-03	9.27E-04	9.03E-04	9.06E-04	9.03E-04	6.70E-04	4.06E-04	8.68E-04	7.22E-04	7.00E-04	7.02E-04	7.00E-04	4.67E-04	2.04E-04
1026	560709.95	4192301.22	1.20E-03	9.16E-04	8.92E-04	8.95E-04	8.92E-04	6.62E-04	4.01E-04	8.58E-04	7.13E-04	6.92E-04	6.94E-04	6.92E-04	4.61E-04	2.02E-04
1027	560706.33	4192318.7	1.18E-03	9.00E-04	8.77E-04	8.80E-04	8.77E-04	6.51E-04	3.94E-04	8.43E-04	7.01E-04	6.80E-04	6.82E-04	6.80E-04	4.54E-04	1.99E-04
1028	560702.72	4192336.19	1.15E-03	8.80E-04	8.58E-04	8.60E-04	8.58E-04	6.36E-04	3.86E-04	8.25E-04	6.86E-04	6.65E-04	6.67E-04	6.65E-04	4.44E-04	1.94E-04
1029	560873.71	4192396.88	2.96E-03	2.26E-03	2.20E-03	2.21E-03	2.20E-03	1.63E-03	9.89E-04	2.12E-03	1.76E-03	1.71E-03	1.71E-03	1.71E-03	1.14E-03	4.98E-04
1030	560863.95	4192394.71	2.74E-03	2.09E-03	2.04E-03	2.05E-03	2.04E-03	1.51E-03	9.18E-04	1.96E-03	1.63E-03	1.58E-03	1.59E-03	1.58E-03	1.06E-03	4.62E-04
1031	560860.04	4192412.26	2.64E-03	2.01E-03	1.96E-03	1.97E-03	1.96E-03	1.45E-03	8.81E-04	1.88E-03	1.57E-03	1.52E-03	1.52E-03	1.52E-03	1.01E-03	4.44E-04
1032	560856.12	4192429.81	2.51E-03	1.91E-03	1.87E-03	1.87E-03	1.87E-03	1.38E-03	8.39E-04	1.79E-03	1.49E-03	1.45E-03	1.45E-03	1.45E-03	9.65E-04	4.22E-04
1033	560854.19	4192392.53	2.56E-03	1.95E-03	1.90E-03	1.91E-03	1.90E-03	1.41E-03	8.55E-04	1.83E-03	1.52E-03	1.47E-03	1.48E-03	1.47E-03	9.83E-04	4.30E-04
1034	560850.28	4192410.08	2.45E-03	1.87E-03	1.83E-03	1.83E-03	1.83E-03	1.35E-03	8.21E-04	1.76E-03	1.46E-03	1.42E-03	1.42E-03	1.42E-03	9.44E-04	4.13E-04
1035	560846.36	4192427.63	2.34E-03	1.78E-03	1.74E-03	1.74E-03	1.74E-03	1.29E-03	7.82E-04	1.67E-03	1.39E-03	1.35E-03	1.35E-03	1.35E-03	8.99E-04	3.94E-04
1036	560844.43	4192390.35	2.39E-03	1.82E-03	1.78E-03	1.78E-03	1.78E-03	1.32E-03	7.99E-04	1.71E-03	1.42E-03	1.38E-03	1.38E-03	1.38E-03	9.19E-04	4.02E-04
1037	560842.48	4192399.13	2.34E-03	1.79E-03	1.74E-03	1.75E-03	1.74E-03	1.29E-03	7.84E-04	1.68E-03	1.39E-03	1.35E-03	1.36E-03	1.35E-03	9.02E-04	3.95E-04
1038	560838.56	4192416.68	2.24E-03	1.71E-03	1.67E-03	1.67E-03	1.67E-03	1.24E-03	7.50E-04	1.60E-03	1.33E-03	1.29E-03	1.30E-03	1.29E-03	8.62E-04	3.77E-04
1039	560834.65	4192434.23	2.13E-03	1.62E-03	1.58E-03	1.59E-03	1.58E-03	1.17E-03	7.11E-04	1.52E-03	1.26E-03	1.23E-03	1.23E-03	1.23E-03	8.18E-04	3.58E-04
1040	560834.67	4192388.18	2.24E-03	1.71E-03	1.66E-03	1.67E-03	1.66E-03	1.23E-03	7.48E-04	1.60E-03	1.33E-03	1.29E-03	1.29E-03	1.29E-03	8.61E-04	3.77E-04
1041	560830.76	4192405.73	2.15E-03	1.64E-03	1.60E-03	1.60E-03	1.60E-03	1.19E-03	7.19E-04	1.54E-03	1.28E-03	1.24E-03	1.24E-03	1.24E-03	8.27E-04	3.62E-04
1042	560826.84	4192423.28	2.05E-03	1.56E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.85E-04	1.46E-03	1.22E-03	1.18E-03	1.18E-03	1.18E-03	7.88E-04	3.45E-04
1043	560824.91	4192386	2.10E-03	1.60E-03	1.56E-03	1.57E-03	1.56E-03	1.16E-03	7.03E-04	1.50E-03	1.25E-03	1.21E-03	1.22E-03	1.21E-03	8.09E-04	3.54E-04
1044	560821	4192403.55	2.02E-03	1.54E-03	1.50E-03	1.51E-03	1.50E-03	1.11E-03	6.75E-04	1.44E-03	1.20E-03	1.16E-03	1.17E-03	1.16E-03	7.77E-04	3.40E-04
1045	560817.08	4192421.1	1.92E-03	1.47E-03	1.43E-03	1.44E-03	1.43E-03	1.06E-03	6.44E-04	1.38E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	7.40E-04	3.24E-04
1046	560815.13	4192429.88	1.87E-03	1.43E-03	1.39E-03	1.40E-03	1.39E-03	1.03E-03	6.27E-04	1.34E-03	1.11E-03	1.08E-03	1.08E-03	1.08E-03	7.21E-04	3.15E-04
1047	560815.15	4192383.82	1.98E-03	1.51E-03	1.47E-03	1.48E-03	1.47E-03	1.09E-03	6.62E-04	1.42E-03	1.18E-03	1.14E-03	1.15E-03	1.14E-03	7.62E-04	3.33E-04
1048	560811.24	4192401.38	1.90E-03	1.45E												

1076	560727.28	4192410.29	1.20E-03	9.13E-04	8.90E-04	8.92E-04	8.90E-04	6.60E-04	4.00E-04	8.55E-04	7.11E-04	6.90E-04	6.92E-04	6.90E-04	4.60E-04	2.01E-04
1077	560729.27	4192355.46	1.29E-03	9.82E-04	9.57E-04	9.60E-04	9.57E-04	7.10E-04	4.30E-04	9.20E-04	7.65E-04	7.42E-04	7.45E-04	7.42E-04	4.95E-04	2.17E-04
1078	560725.35	4192373.01	1.25E-03	9.51E-04	9.27E-04	9.30E-04	9.27E-04	6.88E-04	4.17E-04	8.91E-04	7.41E-04	7.19E-04	7.21E-04	7.19E-04	4.79E-04	2.10E-04
1079	560721.44	4192390.56	1.20E-03	9.14E-04	8.91E-04	8.94E-04	8.91E-04	6.61E-04	4.01E-04	8.57E-04	7.12E-04	6.91E-04	6.93E-04	6.91E-04	4.61E-04	2.02E-04
1080	560717.52	4192408.11	1.15E-03	8.74E-04	8.52E-04	8.55E-04	8.52E-04	6.32E-04	3.83E-04	8.19E-04	6.81E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
1081	560719.51	4192353.28	1.23E-03	9.40E-04	9.16E-04	9.19E-04	9.16E-04	6.79E-04	4.12E-04	8.81E-04	7.32E-04	7.10E-04	7.12E-04	7.10E-04	4.74E-04	2.07E-04
1082	560715.59	4192370.83	1.19E-03	9.11E-04	8.88E-04	8.90E-04	8.88E-04	6.58E-04	3.99E-04	8.53E-04	7.10E-04	6.88E-04	6.90E-04	6.88E-04	4.59E-04	2.01E-04
1083	560711.68	4192388.38	1.15E-03	8.75E-04	8.53E-04	8.55E-04	8.53E-04	6.33E-04	3.84E-04	8.20E-04	6.82E-04	6.62E-04	6.63E-04	6.62E-04	4.41E-04	1.93E-04
1084	560707.76	4192405.94	1.10E-03	8.38E-04	8.17E-04	8.19E-04	8.17E-04	6.06E-04	3.67E-04	7.85E-04	6.53E-04	6.33E-04	6.35E-04	6.33E-04	4.22E-04	1.85E-04
1085	560709.75	4192351.1	1.18E-03	9.00E-04	8.78E-04	8.80E-04	8.78E-04	6.51E-04	3.95E-04	8.44E-04	7.02E-04	6.80E-04	6.82E-04	6.80E-04	4.54E-04	1.99E-04
1086	560707.79	4192359.88	1.16E-03	8.87E-04	8.64E-04	8.67E-04	8.64E-04	6.41E-04	3.89E-04	8.31E-04	6.91E-04	6.70E-04	6.72E-04	6.70E-04	4.47E-04	1.96E-04
1087	560703.87	4192377.43	1.12E-03	8.56E-04	8.34E-04	8.36E-04	8.34E-04	6.18E-04	3.75E-04	8.02E-04	6.67E-04	6.47E-04	6.48E-04	6.47E-04	4.31E-04	1.89E-04
1088	560699.96	4192394.98	1.08E-03	8.21E-04	8.00E-04	8.02E-04	8.00E-04	5.93E-04	3.60E-04	7.69E-04	6.39E-04	6.20E-04	6.22E-04	6.20E-04	4.14E-04	1.81E-04
1089	560699.99	4192348.93	1.13E-03	8.64E-04	8.42E-04	8.44E-04	8.42E-04	6.24E-04	3.78E-04	8.09E-04	6.73E-04	6.53E-04	6.54E-04	6.53E-04	4.35E-04	1.91E-04
1090	560696.07	4192366.48	1.09E-03	8.36E-04	8.15E-04	8.17E-04	8.15E-04	6.04E-04	3.66E-04	7.83E-04	6.51E-04	6.32E-04	6.33E-04	6.32E-04	4.21E-04	1.84E-04
1091	560692.16	4192384.03	1.05E-03	8.04E-04	7.84E-04	7.86E-04	7.84E-04	5.81E-04	3.52E-04	7.53E-04	6.27E-04	6.08E-04	6.10E-04	6.08E-04	4.05E-04	1.77E-04
1092	560688.24	4192401.58	1.01E-03	7.72E-04	7.52E-04	7.55E-04	7.52E-04	5.58E-04	3.38E-04	7.23E-04	6.02E-04	5.83E-04	5.85E-04	5.83E-04	3.89E-04	1.70E-04
1093	560852.07	4192453.7	2.34E-03	1.78E-03	1.74E-03	1.74E-03	1.74E-03	1.29E-03	7.81E-04	1.67E-03	1.39E-03	1.35E-03	1.35E-03	1.35E-03	8.98E-04	3.93E-04
1094	560842.16	4192452.6	2.17E-03	1.66E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.26E-04	1.55E-03	1.29E-03	1.25E-03	1.26E-03	1.25E-03	8.35E-04	3.66E-04
1095	560840.53	4192469.82	2.07E-03	1.58E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.91E-04	1.48E-03	1.23E-03	1.19E-03	1.20E-03	1.19E-03	7.95E-04	3.48E-04
1096	560832.25	4192451.5	2.02E-03	1.55E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.77E-04	1.45E-03	1.20E-03	1.17E-03	1.17E-03	1.17E-03	7.79E-04	3.41E-04
1097	560830.55	4192469.27	1.92E-03	1.47E-03	1.43E-03	1.44E-03	1.43E-03	1.06E-03	6.44E-04	1.38E-03	1.14E-03	1.11E-03	1.11E-03	1.11E-03	7.40E-04	3.24E-04
1098	560822.03	4192452.7	1.88E-03	1.43E-03	1.40E-03	1.40E-03	1.40E-03	1.04E-03	6.29E-04	1.34E-03	1.12E-03	1.08E-03	1.09E-03	1.08E-03	7.23E-04	3.17E-04
1099	560823.93	4192438.94	1.96E-03	1.49E-03	1.46E-03	1.46E-03	1.46E-03	1.08E-03	6.54E-04	1.40E-03	1.16E-03	1.13E-03	1.13E-03	1.13E-03	7.52E-04	3.29E-04
1100	560820.56	4192468.71	1.80E-03	1.37E-03	1.34E-03	1.34E-03	1.34E-03	9.91E-04	6.01E-04	1.29E-03	1.07E-03	1.04E-03	1.04E-03	1.04E-03	6.91E-04	3.03E-04
1101	560812.1	4192451.74	1.76E-03	1.35E-03	1.31E-03	1.31E-03	1.31E-03	9.72E-04	5.89E-04	1.26E-03	1.05E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
1102	560810.58	4192468.15	1.68E-03	1.29E-03	1.25E-03	1.26E-03	1.25E-03	9.29E-04	5.63E-04	1.20E-03	1.00E-03	9.71E-04	9.74E-04	9.71E-04	6.48E-04	2.84E-04
1103	560802.17	4192450.77	1.66E-03	1.27E-03	1.23E-03	1.24E-03	1.23E-03	9.15E-04	5.55E-04	1.19E-03	9.87E-04	9.57E-04	9.60E-04	9.57E-04	6.38E-04	2.79E-04
1104	560804.3	4192435.39	1.73E-03	1.32E-03	1.29E-03	1.29E-03	1.29E-03	9.56E-04	5.79E-04	1.24E-03	1.03E-03	9.99E-04	1.00E-03	9.99E-04	6.66E-04	2.92E-04
1105	560800.6	4192467.59	1.58E-03	1.21E-03	1.18E-03	1.18E-03	1.18E-03	8.74E-04	5.30E-04	1.13E-03	9.42E-04	9.14E-04	9.16E-04	9.14E-04	6.09E-04	2.67E-04
1106	560792.24	4192449.81	1.57E-03	1.19E-03	1.16E-03	1.17E-03	1.16E-03	8.64E-04	5.23E-04	1.12E-03	9.31E-04	9.03E-04	9.05E-04	9.03E-04	6.02E-04	2.64E-04
1107	560794.48	4192433.62	1.64E-03	1.25E-03	1.22E-03	1.22E-03	1.22E-03	9.03E-04	5.48E-04	1.17E-03	9.74E-04	9.45E-04	9.47E-04	9.45E-04	6.30E-04	2.76E-04
1108	560782.31	4192448.85	1.48E-03	1.13E-03	1.10E-03	1.10E-03	1.10E-03	8.17E-04	4.95E-04	1.06E-03	8.80E-04	8.54E-04	8.56E-04	8.54E-04	5.69E-04	2.49E-04
1109	560780.67	4192431.85	1.55E-03	1.18E-03	1.15E-03	1.16E-03	1.15E-03	8.56E-04	5.19E-04	1.11E-03	9.23E-04	8.95E-04	8.98E-04	8.95E-04	5.97E-04	2.61E-04
1110	560772.39	4192447.89	1.40E-03	1.07E-03	1.04E-03	1.05E-03	1.04E-03	7.74E-04	4.69E-04	1.00E-03	8.34E-04	8.09E-04	8.12E-04	8.09E-04	5.40E-04	2.36E-04
1111	560773.62	4192438.98	1.44E-03	1.10E-03	1.07E-03	1.07E-03	1.07E-03	7.94E-04	4.81E-04	1.03E-03	8.55E-04	8.30E-04	8.32E-04	8.30E-04	5.53E-04	2.42E-04
1112	560774.85	4192430.08	1.47E-03	1.12E-03	1.10E-03	1.10E-03	1.10E-03	8.13E-04	4.93E-04	1.05E-03	8.76E-04	8.50E-04	8.52E-04	8.50E-04	5.67E-04	2.48E-04
1113	560762.2	4192448.78	1.33E-03	1.01E-03	9.86E-04	9.89E-04	9.86E-04	7.31E-04	4.43E-04	9.48E-04	7.88E-04	7.65E-04	7.67E-04	7.65E-04	5.10E-04	2.23E-04
1114	560764.26	4192433.89	1.38E-03	1.05E-03	1.03E-03	1.03E-03	1.03E-03	7.62E-04	4.62E-04	9.87E-04	8.21E-04	7.96E-04	7.99E-04	7.96E-04	5.31E-04	2.32E-04
1115	560752.26	4192447.9	1.26E-03	9.62E-04	9.38E-04	9.41E-04	9.38E-04	6.96E-04	4.22E-04	9.02E-04	7.50E-04	7.27E-04	7.29E-04	7.27E-04	4.85E-04	2.12E-04
1116	560754.41	4192432.36	1.31E-03	1.00E-03	9.78E-04	9.81E-04	9.78E-04	7.25E-04	4.40E-04	9.40E-04	7.82E-04	7.58E-04	7.61E-04	7.58E-04	5.06E-04	2.21E-04
1117	560742.32	4192447.02	1.20E-03	9.17E-04	8.94E-04	8.96E-04	8.94E-04	6.63E-04	4.02E-04	8.59E-04	7.14E-04	6.93E-04	6.95E-04	6.93E-04	4.62E-04	2.02E-04
1118	560744.56	4192430.83	1.25E-03	9.57E-04	9.33E-04	9.36E-04	9.33E-04	6.92E-04	4.19E-04	8.97E-04	7.46E-04	7.24E-04	7.26E-04	7.24E-04	4.82E-04	2.11E-04
1119	560732.38	4192446.14	1.15E-03	8.75E-04	8.53E-04	8.55E-04	8.53E-04	6.32E-04	3.83E-04	8.20E-04	6.82E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
1120	560734.71	4192429.3	1.20E-03	9.15E-04	8.91E-04	8.94E-04	8.91E-04	6.61E-04	4.01E-04	8.57E-04	7.13E-04	6.91E-04	6.93E-04	6.91E-04	4.61E-04	2.02E-04
1121	560722.44	4192445.26	1.10E-03	8.36E-04	8.15E-04	8.17E-04	8.15E-04	6.04E-04	3.66E-04	7.84E-04	6.52E-04	6.32E-04	6.34E-04	6.32E-04	4.21E-04	1.84E-04
1122	560724.86	4192427.77	1.15E-03	8.75E-04	8.53E-04	8.55E-04	8.53E-04	6.32E-04	3.83E-04	8.20E-04	6.82E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
1123	560712.29	4192445.89	1.04E-03	7.97E-04	7.77E-04	7.79E-04	7.77E-04	5.76E-04	3.49E-04	7.47E-04	6.21E-04	6.02E-04	6.04E-04	6.02E-04	4.02E-04	1.76E-04
1124	560714.38	4192430.78	1.09E-03	8.29E-04	8.08E-04	8.10E-04	8.08E-04	5.99E-04	3.63E-04	7.77E-04	6.46E-04	6.26E-04	6.28E-04	6.26E-04	4.18E-04	1.83E-04
1125	560702.35	4192445.06	1.00E-03	7.64E-04	7.45E-04	7.47E-04	7.45E-04	5.52E-04	3.35E-04	7.16E-04	5.95E-04	5.77E-04	5.79E-04	5.77E-04	3.85E-04	1.69E-04
1126	560704.51	4192429.41	1.04E-03	7.95E-04	7.75E-04	7.77E-04	7.75E-04	5.74E-04	3.48E-04	7.45E-04	6.19E-04	6.01E-04	6.02E-04	6.01E-04	4.00E-04	1.75E-04
1127	560692.4	4192444.23	9.60E-04	7.33E-04	7.14E-04	7.16E-04	7.14E-04	5.30E-04	3.21E-04	6.87E-04	5.71E-04	5.54E-04	5.55E-04	5.54E-04	3.69E-04	1.62E-04
1128	560694.64	4192428.04	1.00E-03	7.63E-04	7.44E-04	7.46E-04	7.44E-04	5.52E-04	3.34E-04	7.15E-04	5.95E-04	5.77E-04	5.78E-04	5.77E-04	3.84E-04	1.68E-04
1129	560696.88	4192411.85	1.04E-03	7.91E-04	7.71E-04	7.73E-04	7.71E-04	5.72E-04	3.46E-04	7.41E-04	6.16E-04	5.98E-04	5.99E-04	5.98E-04	3.98E-04	1.74E-04
1130	560682.45	4192443.41	9.21E-04	7.03E-04	6.85E-04	6.87E-04	6.85E-04	5.08E-04	3.08E-04	6.59E-04	5.48E-04	5.31E-04	5.33E-04	5.31E-04	3.54E-04	1.55E-04
1131	560684.77	4192426.68	9.59E-04													

Max Yr		1	T4iRev	T4fRev
Row		32	9.74E-02	6.96E-02
		Col	4	5
		Adjustment	100%	72%
UTM X	UTM Y		Year 1	Year 1
1	561383.5	4192288	5.01E-03	3.58E-03
2	561389.4	4192263	4.69E-03	3.36E-03
3	561390.6	4192272	4.72E-03	3.38E-03
4	561391.9	4192281	4.74E-03	3.39E-03
5	561393.2	4192290	4.75E-03	3.40E-03
6	561396	4192243	4.37E-03	3.12E-03
7	561397.3	4192253	4.42E-03	3.16E-03
8	561398.7	4192263	4.46E-03	3.19E-03
9	561400	4192272	4.49E-03	3.21E-03
10	561401.4	4192282	4.51E-03	3.22E-03
11	561402.7	4192292	4.51E-03	3.23E-03
12	561404.4	4192237	4.13E-03	2.95E-03
13	561405.8	4192247	4.18E-03	2.99E-03
14	561407.1	4192256	4.23E-03	3.02E-03
15	561408.4	4192266	4.26E-03	3.05E-03
16	561409.7	4192276	4.28E-03	3.06E-03
17	561411.1	4192285	4.29E-03	3.07E-03
18	561412.4	4192295	4.30E-03	3.07E-03
19	561414.2	4192241	3.96E-03	2.84E-03
20	561415.5	4192250	4.01E-03	2.87E-03
21	561416.9	4192260	4.05E-03	2.89E-03
22	561418.2	4192269	4.07E-03	2.91E-03
23	561419.5	4192279	4.09E-03	2.92E-03
24	561420.8	4192288	4.10E-03	2.93E-03
25	561424	4192244	3.81E-03	2.73E-03
26	561425.3	4192253	3.85E-03	2.75E-03
27	561426.6	4192263	3.88E-03	2.77E-03
28	561356.3	4192418	6.48E-03	4.63E-03
29	561366	4192420	6.02E-03	4.31E-03
30	561375.8	4192422	5.61E-03	4.02E-03
31	561385.6	4192424	5.25E-03	3.75E-03
32	561405.1	4192428	4.62E-03	3.31E-03
33	561116	4192791	8.27E-03	5.91E-03
34	561414.9	4192431	4.35E-03	3.11E-03
35	561122.5	4192800	7.87E-03	5.63E-03
36	561424.6	4192433	4.09E-03	2.93E-03
37	561150.7	4192805	7.36E-03	5.26E-03
38	561140.9	4192806	7.43E-03	5.32E-03
39	561131.2	4192808	7.49E-03	5.35E-03
40	561121.5	4192809	7.52E-03	5.38E-03
41	561111.7	4192810	7.55E-03	5.40E-03
42	561432.3	4192444	3.88E-03	2.78E-03
43	561434.4	4192435	3.86E-03	2.76E-03
44	561166.7	4192812	6.92E-03	4.95E-03
45	561157	4192813	7.01E-03	5.01E-03
46	561147.4	4192815	7.08E-03	5.06E-03

47	561137.8	4192816	7.14E-03	5.10E-03
48	561128.1	4192817	7.18E-03	5.13E-03
49	561118.5	4192819	7.21E-03	5.15E-03
50	561422.8	4192533	3.74E-03	2.67E-03
51	561425	4192524	3.73E-03	2.67E-03
52	561442	4192447	3.66E-03	2.62E-03
53	561444.1	4192437	3.65E-03	2.61E-03
54	561182.4	4192819	6.48E-03	4.63E-03
55	561172.9	4192820	6.59E-03	4.71E-03
56	561163.3	4192822	6.68E-03	4.77E-03
57	561153.8	4192823	6.75E-03	4.83E-03
58	561144.2	4192824	6.81E-03	4.87E-03
59	561134.7	4192826	6.85E-03	4.90E-03
60	561125.1	4192827	6.89E-03	4.92E-03
61	561115.5	4192828	6.90E-03	4.94E-03
62	561432.6	4192535	3.54E-03	2.53E-03
63	561434.7	4192526	3.53E-03	2.53E-03
64	561451.8	4192449	3.47E-03	2.48E-03
65	561453.9	4192439	3.45E-03	2.47E-03
66	561216.9	4192823	5.78E-03	4.14E-03
67	561207.4	4192825	5.92E-03	4.24E-03
68	561197.9	4192826	6.05E-03	4.33E-03
69	561179	4192829	6.28E-03	4.49E-03
70	561169.5	4192830	6.37E-03	4.55E-03
71	561160	4192831	6.44E-03	4.61E-03
72	561150.5	4192833	6.50E-03	4.65E-03
73	561141.1	4192834	6.55E-03	4.68E-03
74	561131.6	4192835	6.59E-03	4.71E-03
75	561122.1	4192837	6.61E-03	4.73E-03
76	561112.6	4192838	6.62E-03	4.74E-03
77	561442.4	4192538	3.36E-03	2.40E-03
78	561444.5	4192528	3.35E-03	2.40E-03
79	561461.5	4192451	3.29E-03	2.35E-03
80	561463.7	4192441	3.27E-03	2.34E-03
81	561241.5	4192829	5.23E-03	3.74E-03
82	561232	4192830	5.37E-03	3.84E-03
83	561222.6	4192832	5.52E-03	3.94E-03
84	561213.2	4192833	5.65E-03	4.04E-03
85	561203.8	4192834	5.77E-03	4.13E-03
86	561185	4192837	5.99E-03	4.28E-03
87	561175.6	4192838	6.08E-03	4.35E-03
88	561166.2	4192840	6.15E-03	4.40E-03
89	561156.8	4192841	6.22E-03	4.45E-03
90	561147.4	4192842	6.27E-03	4.48E-03
91	561138	4192844	6.30E-03	4.51E-03
92	561128.6	4192845	6.33E-03	4.53E-03
93	561119.2	4192846	6.35E-03	4.54E-03
94	561109.7	4192848	6.35E-03	4.54E-03
95	561452.1	4192540	3.19E-03	2.28E-03
96	561454.2	4192530	3.18E-03	2.27E-03
97	561471.3	4192453	3.12E-03	2.23E-03
98	561473.4	4192443	3.11E-03	2.22E-03

99	561264.2	4192835	4.72E-03	3.38E-03
100	561254.4	4192837	4.88E-03	3.49E-03
101	561244.7	4192838	5.03E-03	3.59E-03
102	561235	4192839	5.17E-03	3.70E-03
103	561225.2	4192841	5.31E-03	3.80E-03
104	561215.5	4192842	5.44E-03	3.89E-03
105	561205.8	4192843	5.56E-03	3.97E-03
106	561196	4192845	5.67E-03	4.05E-03
107	561176.6	4192848	5.85E-03	4.18E-03
108	561166.8	4192849	5.92E-03	4.24E-03
109	561157.1	4192850	5.98E-03	4.28E-03
110	561147.4	4192852	6.03E-03	4.31E-03
111	561137.6	4192853	6.06E-03	4.33E-03
112	561127.9	4192855	6.09E-03	4.35E-03
113	561118.2	4192856	6.10E-03	4.36E-03
114	561461.9	4192542	3.03E-03	2.17E-03
115	561464	4192532	3.02E-03	2.16E-03
116	561476.8	4192475	2.98E-03	2.13E-03
117	561481.1	4192455	2.96E-03	2.12E-03
118	561483.2	4192446	2.95E-03	2.11E-03
119	561269.6	4192844	4.52E-03	3.23E-03
120	561260	4192845	4.66E-03	3.33E-03
121	561250.3	4192846	4.80E-03	3.44E-03
122	561240.7	4192848	4.94E-03	3.53E-03
123	561231	4192849	5.07E-03	3.63E-03
124	561221.4	4192851	5.19E-03	3.72E-03
125	561211.7	4192852	5.31E-03	3.80E-03
126	561202.1	4192853	5.42E-03	3.87E-03
127	561173.1	4192857	5.67E-03	4.05E-03
128	561163.4	4192859	5.73E-03	4.10E-03
129	561153.8	4192860	5.78E-03	4.13E-03
130	561144.1	4192861	5.81E-03	4.16E-03
131	561134.5	4192863	5.84E-03	4.18E-03
132	561325.6	4192378	8.19E-03	5.85E-03
133	561328	4192369	7.97E-03	5.70E-03
134	561330.5	4192360	7.75E-03	5.54E-03
135	561335.3	4192380	7.57E-03	5.42E-03
136	561337.7	4192371	7.38E-03	5.28E-03
137	561340.1	4192362	7.19E-03	5.14E-03
138	561344.9	4192383	7.03E-03	5.03E-03
139	561347.4	4192374	6.86E-03	4.91E-03
140	561349.8	4192365	6.69E-03	4.79E-03
141	561354.6	4192385	6.54E-03	4.68E-03
142	561357	4192376	6.40E-03	4.58E-03
143	561359.5	4192367	6.25E-03	4.47E-03
144	561361.9	4192358	6.10E-03	4.36E-03
145	561359.4	4192406	6.34E-03	4.53E-03
146	561361.9	4192397	6.22E-03	4.45E-03
147	561364.3	4192388	6.10E-03	4.36E-03
148	561366.7	4192379	5.98E-03	4.28E-03
149	561369.1	4192370	5.85E-03	4.18E-03
150	561371.5	4192361	5.72E-03	4.09E-03

151	561374	4192352	5.59E-03	4.00E-03
152	561376.4	4192343	5.47E-03	3.91E-03
153	561378.8	4192333	5.35E-03	3.83E-03
154	561381.2	4192324	5.23E-03	3.74E-03
155	561383.6	4192315	5.12E-03	3.66E-03
156	561369.1	4192409	5.91E-03	4.22E-03
157	561371.5	4192400	5.81E-03	4.15E-03
158	561373.9	4192391	5.70E-03	4.08E-03
159	561376.4	4192382	5.60E-03	4.00E-03
160	561378.8	4192372	5.49E-03	3.93E-03
161	561381.2	4192363	5.38E-03	3.85E-03
162	561383.6	4192354	5.27E-03	3.77E-03
163	561386	4192345	5.16E-03	3.69E-03
164	561388.5	4192336	5.05E-03	3.61E-03
165	561390.9	4192327	4.95E-03	3.54E-03
166	561393.3	4192318	4.85E-03	3.47E-03
167	561378.8	4192411	5.52E-03	3.95E-03
168	561381.2	4192402	5.43E-03	3.88E-03
169	561383.6	4192393	5.34E-03	3.82E-03
170	561386	4192384	5.25E-03	3.76E-03
171	561388.4	4192375	5.16E-03	3.69E-03
172	561390.9	4192366	5.07E-03	3.62E-03
173	561393.3	4192357	4.97E-03	3.55E-03
174	561395.7	4192348	4.87E-03	3.48E-03
175	561398.1	4192339	4.78E-03	3.42E-03
176	561400.5	4192330	4.69E-03	3.35E-03
177	561403	4192320	4.60E-03	3.29E-03
178	561407.8	4192419	4.57E-03	3.27E-03
179	561410.2	4192410	4.51E-03	3.23E-03
180	561412.6	4192401	4.45E-03	3.18E-03
181	561415	4192392	4.39E-03	3.14E-03
182	561417.4	4192383	4.33E-03	3.10E-03
183	561419.9	4192374	4.27E-03	3.05E-03
184	561422.3	4192365	4.21E-03	3.01E-03
185	561424.7	4192355	4.14E-03	2.96E-03
186	561427.1	4192346	4.08E-03	2.92E-03
187	561429.5	4192337	4.01E-03	2.87E-03
188	561432	4192328	3.95E-03	2.83E-03
189	561417.4	4192422	4.30E-03	3.08E-03
190	561419.8	4192413	4.25E-03	3.04E-03
191	561422.3	4192403	4.20E-03	3.01E-03
192	561424.7	4192394	4.15E-03	2.97E-03
193	561427.1	4192385	4.10E-03	2.93E-03
194	561429.5	4192376	4.05E-03	2.89E-03
195	561431.9	4192367	3.99E-03	2.85E-03
196	561434.4	4192358	3.93E-03	2.81E-03
197	561436.8	4192349	3.88E-03	2.77E-03
198	561439.2	4192340	3.82E-03	2.73E-03
199	561441.6	4192331	3.77E-03	2.69E-03
200	561429.5	4192415	4.01E-03	2.87E-03
201	561431.9	4192406	3.97E-03	2.84E-03
202	561434.3	4192397	3.93E-03	2.81E-03

203	561436.8	4192388	3.88E-03	2.78E-03
204	561439.2	4192379	3.84E-03	2.74E-03
205	561441.6	4192370	3.79E-03	2.71E-03
206	561444	4192361	3.74E-03	2.67E-03
207	561446.4	4192351	3.69E-03	2.64E-03
208	561448.9	4192342	3.64E-03	2.60E-03
209	561451.3	4192333	3.60E-03	2.57E-03
210	561439.2	4192418	3.79E-03	2.71E-03
211	561441.6	4192409	3.76E-03	2.69E-03
212	561444	4192400	3.72E-03	2.66E-03
213	561446.4	4192390	3.68E-03	2.63E-03
214	561448.8	4192381	3.64E-03	2.60E-03
215	561451.3	4192372	3.60E-03	2.57E-03
216	561453.7	4192363	3.56E-03	2.54E-03
217	561456.1	4192354	3.52E-03	2.51E-03
218	561458.5	4192345	3.48E-03	2.49E-03
219	561460.9	4192336	3.44E-03	2.46E-03
220	561448.8	4192420	3.59E-03	2.57E-03
221	561451.2	4192411	3.56E-03	2.55E-03
222	561453.7	4192402	3.53E-03	2.52E-03
223	561456.1	4192393	3.50E-03	2.50E-03
224	561458.5	4192384	3.46E-03	2.47E-03
225	561460.9	4192375	3.42E-03	2.45E-03
226	561463.4	4192366	3.39E-03	2.42E-03
227	561465.8	4192357	3.35E-03	2.40E-03
228	561468.2	4192348	3.32E-03	2.37E-03
229	561470.6	4192338	3.29E-03	2.35E-03
230	561458.5	4192423	3.40E-03	2.43E-03
231	561460.9	4192414	3.38E-03	2.42E-03
232	561463.3	4192405	3.35E-03	2.40E-03
233	561465.8	4192396	3.32E-03	2.38E-03
234	561468.2	4192386	3.29E-03	2.35E-03
235	561470.6	4192377	3.26E-03	2.33E-03
236	561473	4192368	3.23E-03	2.31E-03
237	561475.4	4192359	3.20E-03	2.29E-03
238	561477.9	4192350	3.17E-03	2.27E-03
239	561480.3	4192341	3.14E-03	2.25E-03
240	561468.2	4192425	3.23E-03	2.31E-03
241	561470.6	4192416	3.21E-03	2.29E-03
242	561473	4192407	3.18E-03	2.28E-03
243	561475.4	4192398	3.16E-03	2.26E-03
244	561477.8	4192389	3.14E-03	2.24E-03
245	561480.3	4192380	3.11E-03	2.22E-03
246	561482.7	4192371	3.08E-03	2.21E-03
247	561485.1	4192362	3.06E-03	2.19E-03
248	561487.5	4192353	3.03E-03	2.17E-03
249	561489.9	4192344	3.01E-03	2.15E-03
250	561477.8	4192428	3.07E-03	2.20E-03
251	561480.2	4192419	3.05E-03	2.18E-03
252	561482.7	4192410	3.03E-03	2.17E-03
253	561485.1	4192401	3.01E-03	2.15E-03
254	561487.5	4192392	2.99E-03	2.14E-03

255	561489.9	4192383	2.97E-03	2.12E-03
256	561492.3	4192373	2.95E-03	2.11E-03
257	561494.8	4192364	2.93E-03	2.09E-03
258	561497.2	4192355	2.90E-03	2.08E-03
259	561499.6	4192346	2.88E-03	2.06E-03
260	561487.5	4192431	2.92E-03	2.09E-03
261	561489.9	4192421	2.91E-03	2.08E-03
262	561492.3	4192412	2.89E-03	2.07E-03
263	561494.7	4192403	2.87E-03	2.05E-03
264	561497.2	4192394	2.86E-03	2.04E-03
265	561499.6	4192385	2.84E-03	2.03E-03
266	561502	4192376	2.82E-03	2.02E-03
267	561504.4	4192367	2.80E-03	2.00E-03
268	561506.8	4192358	2.78E-03	1.99E-03
269	561509.3	4192349	2.76E-03	1.98E-03
270	561401.8	4192218	3.98E-03	2.84E-03
271	561403.1	4192228	4.06E-03	2.90E-03
272	561410.3	4192212	3.76E-03	2.69E-03
273	561411.6	4192222	3.84E-03	2.74E-03
274	561412.9	4192231	3.91E-03	2.79E-03
275	561417.5	4192197	3.47E-03	2.48E-03
276	561418.8	4192207	3.56E-03	2.55E-03
277	561420.1	4192216	3.64E-03	2.60E-03
278	561421.4	4192225	3.70E-03	2.65E-03
279	561422.7	4192235	3.76E-03	2.69E-03
280	561424.8	4192182	3.21E-03	2.30E-03
281	561426.1	4192192	3.30E-03	2.36E-03
282	561427.3	4192201	3.38E-03	2.41E-03
283	561428.6	4192210	3.45E-03	2.47E-03
284	561429.9	4192219	3.52E-03	2.52E-03
285	561431.2	4192229	3.58E-03	2.56E-03
286	561432.5	4192238	3.63E-03	2.59E-03
287	561434.9	4192189	3.15E-03	2.25E-03
288	561436.3	4192198	3.23E-03	2.31E-03
289	561437.6	4192208	3.31E-03	2.36E-03
290	561439	4192218	3.37E-03	2.41E-03
291	561445.7	4192266	3.57E-03	2.55E-03
292	561429.1	4192129	2.60E-03	1.86E-03
293	561438.2	4192145	2.67E-03	1.91E-03
294	561439.5	4192154	2.75E-03	1.97E-03
295	561440.8	4192164	2.84E-03	2.03E-03
296	561444.8	4192193	3.07E-03	2.20E-03
297	561452.8	4192250	3.39E-03	2.42E-03
298	561454.1	4192260	3.41E-03	2.44E-03
299	561455.4	4192269	3.43E-03	2.45E-03
300	561459.4	4192298	3.43E-03	2.46E-03
301	561460.7	4192308	3.42E-03	2.45E-03
302	561430.1	4192118	2.49E-03	1.78E-03
303	561437.7	4192124	2.48E-03	1.77E-03
304	561446.8	4192139	2.55E-03	1.82E-03
305	561448.1	4192149	2.62E-03	1.88E-03
306	561449.4	4192158	2.70E-03	1.93E-03

307	561450.7	4192168	2.78E-03	1.99E-03
308	561462.5	4192253	3.26E-03	2.33E-03
309	561463.8	4192263	3.28E-03	2.35E-03
310	561465.2	4192272	3.29E-03	2.36E-03
311	561466.5	4192282	3.30E-03	2.36E-03
312	561467.8	4192291	3.30E-03	2.36E-03
313	561469.1	4192301	3.29E-03	2.35E-03
314	561470.4	4192310	3.28E-03	2.35E-03
315	561431.2	4192108	2.39E-03	1.71E-03
316	561438.8	4192113	2.38E-03	1.70E-03
317	561446.4	4192119	2.37E-03	1.69E-03
318	561455.4	4192134	2.43E-03	1.74E-03
319	561456.7	4192144	2.50E-03	1.79E-03
320	561458	4192153	2.58E-03	1.84E-03
321	561464.5	4192200	2.92E-03	2.09E-03
322	561465.8	4192210	2.98E-03	2.13E-03
323	561467.1	4192219	3.03E-03	2.16E-03
324	561472.3	4192257	3.15E-03	2.25E-03
325	561473.6	4192266	3.16E-03	2.26E-03
326	561474.9	4192275	3.17E-03	2.27E-03
327	561476.2	4192285	3.17E-03	2.27E-03
328	561477.5	4192294	3.17E-03	2.26E-03
329	561478.8	4192304	3.16E-03	2.26E-03
330	561480.1	4192313	3.15E-03	2.25E-03
331	561432.4	4192097	2.30E-03	1.64E-03
332	561439.9	4192103	2.29E-03	1.63E-03
333	561447.5	4192108	2.27E-03	1.63E-03
334	561455.1	4192114	2.27E-03	1.62E-03
335	561463.9	4192129	2.33E-03	1.66E-03
336	561470.4	4192176	2.67E-03	1.91E-03
337	561473	4192194	2.79E-03	2.00E-03
338	561474.3	4192204	2.85E-03	2.03E-03
339	561475.6	4192213	2.89E-03	2.07E-03
340	561476.9	4192222	2.94E-03	2.10E-03
341	561482	4192260	3.04E-03	2.17E-03
342	561483.3	4192269	3.05E-03	2.18E-03
343	561484.6	4192278	3.05E-03	2.18E-03
344	561485.9	4192288	3.05E-03	2.18E-03
345	561487.2	4192297	3.04E-03	2.17E-03
346	561488.5	4192306	3.03E-03	2.17E-03
347	561489.8	4192316	3.02E-03	2.16E-03
348	561439.9	4192091	2.20E-03	1.57E-03
349	561447.7	4192097	2.19E-03	1.56E-03
350	561455.6	4192103	2.18E-03	1.56E-03
351	561463.4	4192109	2.17E-03	1.55E-03
352	561476.6	4192153	2.43E-03	1.74E-03
353	561477.9	4192163	2.50E-03	1.79E-03
354	561479.3	4192173	2.57E-03	1.84E-03
355	561483.3	4192202	2.74E-03	1.96E-03
356	561484.6	4192211	2.79E-03	1.99E-03
357	561486	4192221	2.83E-03	2.02E-03
358	561487.3	4192231	2.86E-03	2.05E-03

359	561491.3	4192260	2.93E-03	2.09E-03
360	561492.7	4192269	2.93E-03	2.10E-03
361	561494	4192279	2.94E-03	2.10E-03
362	561495.3	4192289	2.93E-03	2.10E-03
363	561496.7	4192298	2.92E-03	2.09E-03
364	561498	4192308	2.91E-03	2.08E-03
365	561499.3	4192318	2.90E-03	2.07E-03
366	561409.9	4192058	2.21E-03	1.58E-03
367	561433.2	4192075	2.13E-03	1.53E-03
368	561441	4192081	2.12E-03	1.51E-03
369	561448.8	4192086	2.10E-03	1.50E-03
370	561456.5	4192092	2.09E-03	1.50E-03
371	561464.3	4192098	2.08E-03	1.49E-03
372	561482.5	4192129	2.20E-03	1.57E-03
373	561483.8	4192138	2.26E-03	1.62E-03
374	561485.2	4192148	2.33E-03	1.66E-03
375	561486.5	4192157	2.39E-03	1.71E-03
376	561487.8	4192167	2.45E-03	1.75E-03
377	561489.1	4192177	2.51E-03	1.80E-03
378	561493.1	4192205	2.67E-03	1.91E-03
379	561494.4	4192215	2.71E-03	1.94E-03
380	561495.8	4192225	2.75E-03	1.97E-03
381	561497.1	4192234	2.78E-03	1.99E-03
382	561498.4	4192244	2.80E-03	2.00E-03
383	561499.8	4192253	2.82E-03	2.01E-03
384	561501.1	4192263	2.83E-03	2.02E-03
385	561502.4	4192272	2.83E-03	2.02E-03
386	561503.7	4192282	2.83E-03	2.02E-03
387	561505.1	4192292	2.82E-03	2.02E-03
388	561506.4	4192301	2.81E-03	2.01E-03
389	561507.7	4192311	2.80E-03	2.00E-03
390	561509	4192320	2.78E-03	1.99E-03
391	561411.4	4192047	2.14E-03	1.53E-03
392	561419.1	4192053	2.11E-03	1.51E-03
393	561426.8	4192059	2.08E-03	1.49E-03
394	561434.5	4192064	2.06E-03	1.47E-03
395	561442.2	4192070	2.04E-03	1.46E-03
396	561449.9	4192076	2.03E-03	1.45E-03
397	561457.6	4192082	2.01E-03	1.44E-03
398	561465.3	4192087	2.01E-03	1.43E-03
399	561473	4192093	2.00E-03	1.43E-03
400	561489.8	4192114	2.05E-03	1.46E-03
401	561491.1	4192123	2.11E-03	1.51E-03
402	561492.4	4192133	2.17E-03	1.55E-03
403	561493.7	4192142	2.23E-03	1.59E-03
404	561495	4192152	2.29E-03	1.64E-03
405	561496.4	4192161	2.35E-03	1.68E-03
406	561497.7	4192171	2.41E-03	1.72E-03
407	561499	4192180	2.46E-03	1.76E-03
408	561502.9	4192209	2.60E-03	1.86E-03
409	561504.2	4192219	2.64E-03	1.89E-03
410	561505.6	4192228	2.67E-03	1.91E-03

411	561506.9	4192238	2.69E-03	1.93E-03
412	561508.2	4192247	2.71E-03	1.94E-03
413	561509.5	4192257	2.72E-03	1.95E-03
414	561510.8	4192266	2.73E-03	1.95E-03
415	561512.1	4192276	2.73E-03	1.95E-03
416	561513.5	4192285	2.73E-03	1.95E-03
417	561514.8	4192295	2.72E-03	1.95E-03
418	561516.1	4192304	2.71E-03	1.94E-03
419	561517.4	4192314	2.70E-03	1.93E-03
420	561518.7	4192323	2.68E-03	1.92E-03
421	560985.7	4192042	8.32E-03	5.95E-03
422	560991.7	4192030	7.98E-03	5.71E-03
423	560982.5	4192032	7.91E-03	5.66E-03
424	560988.6	4192021	7.60E-03	5.43E-03
425	560979.4	4192023	7.53E-03	5.39E-03
426	560985.5	4192011	7.25E-03	5.18E-03
427	560994.8	4192011	7.34E-03	5.25E-03
428	560976.2	4192013	7.19E-03	5.14E-03
429	560982.3	4192002	6.92E-03	4.95E-03
430	560991.8	4192002	7.01E-03	5.01E-03
431	561001.2	4192001	7.08E-03	5.06E-03
432	560973	4192004	6.87E-03	4.91E-03
433	560979.2	4191992	6.62E-03	4.74E-03
434	560988.7	4191992	6.70E-03	4.79E-03
435	560998.2	4191992	6.77E-03	4.84E-03
436	560969.9	4191994	6.57E-03	4.70E-03
437	560976.1	4191983	6.34E-03	4.54E-03
438	560985.6	4191983	6.42E-03	4.59E-03
439	560995.2	4191982	6.48E-03	4.63E-03
440	561004.7	4191982	6.53E-03	4.67E-03
441	560966.7	4191985	6.29E-03	4.50E-03
442	560972.9	4191973	6.08E-03	4.35E-03
443	560982.6	4191973	6.15E-03	4.40E-03
444	560992.2	4191973	6.21E-03	4.44E-03
445	561001.8	4191972	6.26E-03	4.48E-03
446	561011.4	4191972	6.30E-03	4.51E-03
447	560963.6	4191975	6.03E-03	4.32E-03
448	560969.7	4191964	5.84E-03	4.17E-03
449	560979	4191964	5.90E-03	4.22E-03
450	560988.4	4191963	5.96E-03	4.26E-03
451	560997.7	4191963	6.00E-03	4.29E-03
452	561007.1	4191962	6.04E-03	4.32E-03
453	560960.4	4191966	5.79E-03	4.14E-03
454	560966.5	4191954	5.61E-03	4.01E-03
455	560975.9	4191954	5.67E-03	4.05E-03
456	560985.3	4191954	5.72E-03	4.09E-03
457	560994.7	4191953	5.77E-03	4.12E-03
458	561004.1	4191953	5.80E-03	4.15E-03
459	561013.5	4191953	5.83E-03	4.17E-03
460	560957.3	4191956	5.57E-03	3.98E-03
461	560963.4	4191945	5.40E-03	3.86E-03
462	560972.9	4191945	5.45E-03	3.90E-03

463	560982.3	4191944	5.50E-03	3.94E-03
464	560991.8	4191944	5.55E-03	3.97E-03
465	561001.2	4191943	5.58E-03	3.99E-03
466	561010.7	4191943	5.60E-03	4.01E-03
467	561020.1	4191943	5.62E-03	4.02E-03
468	560954.1	4191947	5.36E-03	3.83E-03
469	560960.3	4191935	5.20E-03	3.72E-03
470	560969.8	4191935	5.25E-03	3.75E-03
471	560979.3	4191935	5.30E-03	3.79E-03
472	560988.8	4191934	5.34E-03	3.82E-03
473	560998.3	4191934	5.37E-03	3.84E-03
474	561007.8	4191934	5.39E-03	3.86E-03
475	561017.3	4191933	5.41E-03	3.87E-03
476	560951	4191937	5.16E-03	3.69E-03
477	560957.1	4191926	5.01E-03	3.58E-03
478	560966.7	4191926	5.06E-03	3.62E-03
479	560976.2	4191925	5.10E-03	3.65E-03
480	560985.8	4191925	5.14E-03	3.68E-03
481	560995.3	4191924	5.17E-03	3.70E-03
482	561004.9	4191924	5.20E-03	3.72E-03
483	561014.4	4191924	5.21E-03	3.73E-03
484	561023.9	4191923	5.22E-03	3.73E-03
485	560947.8	4191928	4.97E-03	3.56E-03
486	560941.5	4192192	1.58E-02	1.13E-02
487	560936.3	4192208	1.64E-02	1.18E-02
488	560933	4192224	1.72E-02	1.23E-02
489	560931.6	4192191	1.48E-02	1.06E-02
490	560938.5	4192177	1.43E-02	1.02E-02
491	560945.5	4192163	1.38E-02	9.84E-03
492	560952.5	4192149	1.32E-02	9.41E-03
493	560926.5	4192206	1.53E-02	1.10E-02
494	560923.2	4192222	1.60E-02	1.15E-02
495	560921.7	4192189	1.39E-02	9.91E-03
496	560928.4	4192176	1.35E-02	9.63E-03
497	560935.1	4192162	1.30E-02	9.30E-03
498	560941.8	4192149	1.25E-02	8.95E-03
499	560954.7	4192131	1.20E-02	8.60E-03
500	560916.7	4192204	1.44E-02	1.03E-02
501	560913.4	4192220	1.50E-02	1.07E-02
502	560912.1	4192186	1.30E-02	9.31E-03
503	560919.3	4192172	1.27E-02	9.05E-03
504	560926.6	4192158	1.22E-02	8.72E-03
505	560933.8	4192143	1.17E-02	8.39E-03
506	560947.7	4192124	1.13E-02	8.06E-03
507	560961.1	4192116	1.13E-02	8.09E-03
508	560906.9	4192202	1.35E-02	9.63E-03
509	560903.6	4192218	1.40E-02	1.00E-02
510	560902.2	4192185	1.23E-02	8.78E-03
511	560909.2	4192171	1.20E-02	8.57E-03
512	560916.1	4192157	1.16E-02	8.28E-03
513	560923.1	4192143	1.12E-02	8.00E-03
514	560930	4192129	1.08E-02	7.70E-03

515	560940	4192118	1.06E-02	7.56E-03
516	560953	4192109	1.06E-02	7.60E-03
517	560965.9	4192101	1.06E-02	7.60E-03
518	560897.1	4192200	1.26E-02	9.05E-03
519	560893.8	4192216	1.31E-02	9.38E-03
520	560892.3	4192183	1.16E-02	8.28E-03
521	560899.1	4192169	1.13E-02	8.11E-03
522	560905.8	4192156	1.10E-02	7.87E-03
523	560912.6	4192142	1.07E-02	7.62E-03
524	560919.3	4192129	1.03E-02	7.36E-03
525	560932.3	4192111	9.96E-03	7.12E-03
526	560944.9	4192103	1.00E-02	7.15E-03
527	560957.5	4192095	1.00E-02	7.17E-03
528	560970	4192087	1.00E-02	7.15E-03
529	560887.3	4192198	1.19E-02	8.51E-03
530	560884	4192213	1.23E-02	8.81E-03
531	560882.7	4192180	1.09E-02	7.82E-03
532	560889.9	4192166	1.07E-02	7.66E-03
533	560897.1	4192152	1.04E-02	7.44E-03
534	560904.2	4192137	1.01E-02	7.19E-03
535	560911.4	4192123	9.71E-03	6.94E-03
536	560925.2	4192105	9.39E-03	6.72E-03
537	560938.6	4192096	9.44E-03	6.75E-03
538	560951.9	4192087	9.47E-03	6.77E-03
539	560965.3	4192078	9.45E-03	6.76E-03
540	560978.6	4192069	9.38E-03	6.71E-03
541	560877.5	4192195	1.12E-02	8.03E-03
542	560874.2	4192211	1.16E-02	8.29E-03
543	560872.8	4192179	1.03E-02	7.40E-03
544	560879.8	4192165	1.02E-02	7.27E-03
545	560886.7	4192151	9.92E-03	7.09E-03
546	560893.7	4192137	9.62E-03	6.88E-03
547	560900.7	4192123	9.31E-03	6.66E-03
548	560907.6	4192109	9.00E-03	6.44E-03
549	560917.6	4192098	8.88E-03	6.35E-03
550	560930.5	4192089	8.93E-03	6.39E-03
551	560943.5	4192081	8.96E-03	6.41E-03
552	560956.4	4192072	8.96E-03	6.40E-03
553	560969.4	4192064	8.91E-03	6.37E-03
554	560867.7	4192193	1.06E-02	7.59E-03
555	560864.4	4192209	1.09E-02	7.83E-03
556	560862.9	4192177	9.83E-03	7.03E-03
557	560869.7	4192163	9.68E-03	6.92E-03
558	560876.5	4192150	9.46E-03	6.77E-03
559	560883.3	4192136	9.21E-03	6.59E-03
560	560890.1	4192123	8.93E-03	6.39E-03
561	560896.8	4192109	8.65E-03	6.19E-03
562	560909.9	4192091	8.40E-03	6.01E-03
563	560922.6	4192083	8.46E-03	6.05E-03
564	560935.2	4192075	8.49E-03	6.07E-03
565	560947.8	4192067	8.50E-03	6.08E-03
566	560960.4	4192058	8.48E-03	6.06E-03

567	560973	4192050	8.42E-03	6.02E-03
568	560857.9	4192191	1.01E-02	7.19E-03
569	560854.6	4192207	1.04E-02	7.41E-03
570	560853.3	4192174	9.34E-03	6.68E-03
571	560860.5	4192160	9.20E-03	6.58E-03
572	560867.6	4192146	8.99E-03	6.43E-03
573	560874.7	4192132	8.75E-03	6.26E-03
574	560881.9	4192117	8.48E-03	6.07E-03
575	560889	4192103	8.21E-03	5.87E-03
576	560902.8	4192085	7.97E-03	5.70E-03
577	560916.1	4192076	8.03E-03	5.74E-03
578	560929.4	4192067	8.06E-03	5.77E-03
579	560942.7	4192058	8.08E-03	5.78E-03
580	560955.9	4192050	8.06E-03	5.76E-03
581	560969.2	4192041	8.01E-03	5.73E-03
582	560848.1	4192189	9.55E-03	6.83E-03
583	560844.8	4192205	9.82E-03	7.03E-03
584	560843.4	4192172	8.89E-03	6.36E-03
585	560850.4	4192159	8.77E-03	6.27E-03
586	560857.4	4192145	8.59E-03	6.15E-03
587	560864.3	4192131	8.38E-03	5.99E-03
588	560871.3	4192117	8.15E-03	5.83E-03
589	560878.2	4192103	7.91E-03	5.66E-03
590	560885.2	4192089	7.67E-03	5.48E-03
591	560895.2	4192078	7.58E-03	5.42E-03
592	560908.1	4192070	7.63E-03	5.46E-03
593	560921.1	4192061	7.67E-03	5.48E-03
594	560934	4192052	7.69E-03	5.50E-03
595	560947	4192044	7.68E-03	5.49E-03
596	560959.9	4192035	7.65E-03	5.47E-03
597	560838.3	4192187	9.09E-03	6.50E-03
598	560835	4192203	9.33E-03	6.67E-03
599	560833.8	4192170	8.48E-03	6.06E-03
600	560841.1	4192156	8.36E-03	5.98E-03
601	560848.4	4192141	8.19E-03	5.86E-03
602	560855.7	4192127	7.99E-03	5.71E-03
603	560863	4192112	7.76E-03	5.55E-03
604	560870.3	4192097	7.53E-03	5.38E-03
605	560877.6	4192083	7.30E-03	5.22E-03
606	560888	4192071	7.21E-03	5.16E-03
607	560901.6	4192062	7.26E-03	5.19E-03
608	560915.1	4192053	7.31E-03	5.22E-03
609	560928.7	4192044	7.33E-03	5.24E-03
610	560942.3	4192035	7.33E-03	5.24E-03
611	560955.8	4192027	7.30E-03	5.22E-03
612	560828.5	4192185	8.66E-03	6.19E-03
613	560825.2	4192201	8.88E-03	6.35E-03
614	560823.9	4192168	8.10E-03	5.79E-03
615	560831.1	4192154	7.99E-03	5.72E-03
616	560838.2	4192140	7.85E-03	5.61E-03
617	560845.3	4192126	7.67E-03	5.48E-03
618	560852.4	4192112	7.47E-03	5.34E-03

619	560859.5	4192097	7.26E-03	5.19E-03
620	560866.6	4192083	7.05E-03	5.04E-03
621	560880.3	4192065	6.87E-03	4.91E-03
622	560893.6	4192056	6.92E-03	4.95E-03
623	560906.8	4192047	6.96E-03	4.98E-03
624	560920.1	4192039	6.99E-03	5.00E-03
625	560933.3	4192030	7.00E-03	5.01E-03
626	560946.6	4192021	6.98E-03	4.99E-03
627	560959.8	4192012	6.94E-03	4.96E-03
628	560818.7	4192183	8.26E-03	5.91E-03
629	560815.4	4192199	8.47E-03	6.05E-03
630	560814.1	4192166	7.75E-03	5.54E-03
631	560821	4192153	7.65E-03	5.47E-03
632	560828	4192139	7.52E-03	5.38E-03
633	560834.9	4192125	7.36E-03	5.27E-03
634	560841.9	4192111	7.18E-03	5.14E-03
635	560848.9	4192097	6.99E-03	5.00E-03
636	560855.8	4192083	6.81E-03	4.87E-03
637	560862.8	4192069	6.62E-03	4.73E-03
638	560872.7	4192058	6.55E-03	4.69E-03
639	560885.7	4192050	6.60E-03	4.72E-03
640	560898.6	4192041	6.65E-03	4.75E-03
641	560911.6	4192033	6.68E-03	4.77E-03
642	560924.5	4192024	6.69E-03	4.79E-03
643	560937.5	4192015	6.69E-03	4.78E-03
644	560950.5	4192007	6.66E-03	4.76E-03
645	560808.9	4192181	7.89E-03	5.64E-03
646	560805.6	4192197	8.08E-03	5.78E-03
647	560804.4	4192164	7.41E-03	5.30E-03
648	560811.7	4192150	7.32E-03	5.23E-03
649	560818.9	4192135	7.19E-03	5.14E-03
650	560826.2	4192121	7.04E-03	5.04E-03
651	560833.4	4192106	6.87E-03	4.91E-03
652	560840.7	4192092	6.68E-03	4.78E-03
653	560847.9	4192077	6.50E-03	4.65E-03
654	560855.2	4192063	6.32E-03	4.52E-03
655	560865.5	4192051	6.26E-03	4.48E-03
656	560879	4192042	6.31E-03	4.51E-03
657	560892.5	4192034	6.36E-03	4.54E-03
658	560906	4192025	6.39E-03	4.57E-03
659	560919.5	4192016	6.41E-03	4.58E-03
660	560933	4192007	6.40E-03	4.58E-03
661	560946.5	4191998	6.38E-03	4.56E-03
662	560799.1	4192179	7.55E-03	5.40E-03
663	560795.8	4192195	7.72E-03	5.52E-03
664	560794.5	4192162	7.11E-03	5.08E-03
665	560801.6	4192148	7.02E-03	5.02E-03
666	560808.7	4192134	6.91E-03	4.94E-03
667	560815.8	4192120	6.77E-03	4.84E-03
668	560822.9	4192106	6.62E-03	4.74E-03
669	560830	4192092	6.46E-03	4.62E-03
670	560837.1	4192077	6.29E-03	4.50E-03

671	560844.2	4192063	6.12E-03	4.38E-03
672	560857.9	4192045	5.99E-03	4.28E-03
673	560871.1	4192036	6.03E-03	4.31E-03
674	560884.3	4192027	6.08E-03	4.35E-03
675	560897.5	4192019	6.11E-03	4.37E-03
676	560910.7	4192010	6.14E-03	4.39E-03
677	560924	4192001	6.14E-03	4.39E-03
678	560937.2	4191993	6.13E-03	4.38E-03
679	560950.4	4191984	6.09E-03	4.36E-03
680	560789.4	4192177	7.23E-03	5.17E-03
681	560786.1	4192193	7.39E-03	5.29E-03
682	560784.7	4192160	6.82E-03	4.88E-03
683	560791.6	4192146	6.75E-03	4.83E-03
684	560798.6	4192133	6.65E-03	4.75E-03
685	560805.6	4192119	6.52E-03	4.67E-03
686	560812.5	4192105	6.39E-03	4.57E-03
687	560819.5	4192091	6.24E-03	4.46E-03
688	560826.4	4192077	6.09E-03	4.35E-03
689	560833.4	4192063	5.93E-03	4.24E-03
690	560840.4	4192049	5.78E-03	4.13E-03
691	560850.3	4192038	5.73E-03	4.10E-03
692	560863.3	4192030	5.78E-03	4.13E-03
693	560876.2	4192021	5.82E-03	4.16E-03
694	560889.2	4192013	5.86E-03	4.19E-03
695	560902.1	4192004	5.88E-03	4.21E-03
696	560915.1	4191996	5.89E-03	4.21E-03
697	560928	4191987	5.89E-03	4.21E-03
698	560941	4191978	5.87E-03	4.20E-03
699	560779.6	4192175	6.93E-03	4.96E-03
700	560776.3	4192191	7.07E-03	5.06E-03
701	560775	4192158	6.54E-03	4.68E-03
702	560782.2	4192144	6.48E-03	4.63E-03
703	560789.5	4192129	6.38E-03	4.57E-03
704	560796.7	4192115	6.26E-03	4.48E-03
705	560803.9	4192101	6.13E-03	4.38E-03
706	560811.1	4192086	5.99E-03	4.28E-03
707	560818.3	4192072	5.84E-03	4.17E-03
708	560825.5	4192057	5.69E-03	4.07E-03
709	560832.7	4192043	5.54E-03	3.96E-03
710	560843.1	4192031	5.49E-03	3.93E-03
711	560856.5	4192023	5.54E-03	3.96E-03
712	560869.9	4192014	5.58E-03	3.99E-03
713	560883.4	4192005	5.62E-03	4.02E-03
714	560896.8	4191996	5.65E-03	4.04E-03
715	560910.2	4191987	5.66E-03	4.05E-03
716	560923.7	4191978	5.66E-03	4.05E-03
717	560937.1	4191969	5.64E-03	4.03E-03
718	560769.8	4192173	6.64E-03	4.75E-03
719	560766.5	4192189	6.77E-03	4.84E-03
720	560765.2	4192156	6.28E-03	4.49E-03
721	560772.2	4192142	6.23E-03	4.45E-03
722	560779.3	4192128	6.15E-03	4.40E-03

723	560786.4	4192114	6.04E-03	4.32E-03
724	560793.5	4192100	5.92E-03	4.24E-03
725	560800.6	4192086	5.79E-03	4.14E-03
726	560807.6	4192072	5.65E-03	4.04E-03
727	560814.7	4192057	5.52E-03	3.95E-03
728	560821.8	4192043	5.38E-03	3.85E-03
729	560835.5	4192025	5.27E-03	3.77E-03
730	560848.7	4192016	5.32E-03	3.80E-03
731	560861.8	4192007	5.36E-03	3.83E-03
732	560875	4191999	5.39E-03	3.85E-03
733	560888.2	4191990	5.42E-03	3.88E-03
734	560901.4	4191981	5.44E-03	3.89E-03
735	560914.6	4191973	5.45E-03	3.89E-03
736	560927.7	4191964	5.43E-03	3.89E-03
737	560940.9	4191955	5.41E-03	3.87E-03
738	560760	4192171	6.37E-03	4.55E-03
739	560756.7	4192187	6.49E-03	4.64E-03
740	560755.3	4192154	6.03E-03	4.31E-03
741	560762.3	4192140	5.99E-03	4.28E-03
742	560769.2	4192127	5.92E-03	4.23E-03
743	560776.2	4192113	5.83E-03	4.17E-03
744	560783.1	4192099	5.73E-03	4.09E-03
745	560790.1	4192085	5.60E-03	4.00E-03
746	560797.1	4192071	5.47E-03	3.91E-03
747	560804	4192057	5.35E-03	3.82E-03
748	560811	4192043	5.23E-03	3.74E-03
749	560817.9	4192029	5.11E-03	3.65E-03
750	560827.9	4192018	5.07E-03	3.62E-03
751	560840.8	4192010	5.11E-03	3.65E-03
752	560853.8	4192001	5.14E-03	3.68E-03
753	560866.7	4191993	5.18E-03	3.70E-03
754	560879.7	4191984	5.21E-03	3.72E-03
755	560892.7	4191976	5.23E-03	3.74E-03
756	560905.6	4191967	5.24E-03	3.75E-03
757	560918.6	4191959	5.24E-03	3.75E-03
758	560931.5	4191950	5.22E-03	3.73E-03
759	560750.2	4192169	6.12E-03	4.37E-03
760	560746.9	4192185	6.23E-03	4.46E-03
761	560745.6	4192152	5.81E-03	4.16E-03
762	560752.8	4192138	5.76E-03	4.12E-03
763	560760	4192123	5.69E-03	4.07E-03
764	560767.2	4192109	5.60E-03	4.01E-03
765	560774.4	4192095	5.50E-03	3.94E-03
766	560781.6	4192080	5.38E-03	3.85E-03
767	560788.8	4192066	5.25E-03	3.75E-03
768	560796	4192052	5.14E-03	3.67E-03
769	560803.1	4192037	5.02E-03	3.59E-03
770	560810.3	4192023	4.91E-03	3.51E-03
771	560820.6	4192011	4.87E-03	3.48E-03
772	560834	4192003	4.91E-03	3.51E-03
773	560847.4	4191994	4.95E-03	3.54E-03
774	560860.8	4191985	4.98E-03	3.56E-03

775	560874.2	4191976	5.01E-03	3.58E-03
776	560887.6	4191967	5.04E-03	3.60E-03
777	560900.9	4191959	5.05E-03	3.61E-03
778	560914.3	4191950	5.05E-03	3.61E-03
779	560927.7	4191941	5.03E-03	3.60E-03
780	560740.4	4192167	5.89E-03	4.21E-03
781	560737.1	4192183	6.00E-03	4.29E-03
782	560929.9	4192237	1.78E-02	1.27E-02
783	560920.1	4192235	1.65E-02	1.18E-02
784	560917.9	4192244	1.67E-02	1.20E-02
785	560915.6	4192254	1.69E-02	1.21E-02
786	560913.3	4192263	1.71E-02	1.22E-02
787	560911	4192272	1.72E-02	1.23E-02
788	560910.4	4192232	1.53E-02	1.10E-02
789	560908.1	4192242	1.55E-02	1.11E-02
790	560905.9	4192251	1.57E-02	1.12E-02
791	560903.6	4192261	1.58E-02	1.13E-02
792	560901.3	4192270	1.59E-02	1.14E-02
793	560899	4192279	1.60E-02	1.14E-02
794	560896.7	4192289	1.60E-02	1.15E-02
795	560894.4	4192298	1.60E-02	1.15E-02
796	560900.7	4192230	1.43E-02	1.02E-02
797	560898.4	4192240	1.45E-02	1.04E-02
798	560896.1	4192249	1.46E-02	1.05E-02
799	560893.9	4192258	1.48E-02	1.06E-02
800	560891.6	4192268	1.48E-02	1.06E-02
801	560889.3	4192277	1.49E-02	1.07E-02
802	560887	4192286	1.49E-02	1.07E-02
803	560884.7	4192296	1.49E-02	1.07E-02
804	560891	4192228	1.34E-02	9.57E-03
805	560888.7	4192237	1.35E-02	9.69E-03
806	560886.4	4192247	1.37E-02	9.78E-03
807	560884.1	4192256	1.38E-02	9.86E-03
808	560881.9	4192265	1.39E-02	9.91E-03
809	560879.6	4192275	1.39E-02	9.95E-03
810	560877.3	4192284	1.39E-02	9.97E-03
811	560875	4192294	1.39E-02	9.96E-03
812	560881.3	4192225	1.25E-02	8.97E-03
813	560879	4192235	1.27E-02	9.08E-03
814	560876.7	4192244	1.28E-02	9.16E-03
815	560874.4	4192254	1.29E-02	9.23E-03
816	560872.1	4192263	1.30E-02	9.28E-03
817	560869.9	4192272	1.30E-02	9.32E-03
818	560867.6	4192282	1.31E-02	9.33E-03
819	560865.3	4192291	1.30E-02	9.33E-03
820	560871.6	4192223	1.18E-02	8.44E-03
821	560869.3	4192232	1.19E-02	8.53E-03
822	560867	4192242	1.20E-02	8.61E-03
823	560864.7	4192251	1.21E-02	8.67E-03
824	560862.4	4192261	1.22E-02	8.72E-03
825	560860.1	4192270	1.22E-02	8.75E-03
826	560857.9	4192279	1.22E-02	8.76E-03

827	560855.6	4192289	1.22E-02	8.75E-03
828	560861.8	4192221	1.11E-02	7.96E-03
829	560859.6	4192230	1.12E-02	8.04E-03
830	560857.3	4192239	1.13E-02	8.11E-03
831	560855	4192249	1.14E-02	8.17E-03
832	560852.7	4192258	1.15E-02	8.21E-03
833	560850.4	4192268	1.15E-02	8.23E-03
834	560848.1	4192277	1.15E-02	8.24E-03
835	560845.9	4192286	1.15E-02	8.23E-03
836	560852.1	4192218	1.05E-02	7.52E-03
837	560849.8	4192228	1.06E-02	7.60E-03
838	560847.6	4192237	1.07E-02	7.66E-03
839	560845.3	4192246	1.08E-02	7.71E-03
840	560843	4192256	1.08E-02	7.74E-03
841	560840.7	4192265	1.09E-02	7.77E-03
842	560838.4	4192275	1.09E-02	7.77E-03
843	560836.1	4192284	1.09E-02	7.77E-03
844	560842.4	4192216	9.97E-03	7.13E-03
845	560840.1	4192225	1.01E-02	7.20E-03
846	560837.8	4192235	1.01E-02	7.25E-03
847	560835.6	4192244	1.02E-02	7.30E-03
848	560833.3	4192254	1.02E-02	7.33E-03
849	560831	4192263	1.03E-02	7.35E-03
850	560828.7	4192272	1.03E-02	7.35E-03
851	560826.4	4192282	1.03E-02	7.35E-03
852	560832.7	4192214	9.46E-03	6.76E-03
853	560830.4	4192223	9.55E-03	6.83E-03
854	560828.1	4192232	9.62E-03	6.88E-03
855	560825.8	4192242	9.67E-03	6.92E-03
856	560823.6	4192251	9.71E-03	6.95E-03
857	560821.3	4192261	9.74E-03	6.96E-03
858	560819	4192270	9.74E-03	6.97E-03
859	560816.7	4192279	9.74E-03	6.96E-03
860	560823	4192211	8.99E-03	6.43E-03
861	560820.7	4192221	9.07E-03	6.49E-03
862	560818.4	4192230	9.14E-03	6.54E-03
863	560816.1	4192239	9.19E-03	6.57E-03
864	560813.8	4192249	9.23E-03	6.60E-03
865	560811.6	4192258	9.25E-03	6.61E-03
866	560809.3	4192268	9.25E-03	6.62E-03
867	560807	4192277	9.24E-03	6.61E-03
868	560813.3	4192209	8.56E-03	6.12E-03
869	560811	4192218	8.64E-03	6.18E-03
870	560808.7	4192228	8.70E-03	6.22E-03
871	560806.4	4192237	8.74E-03	6.25E-03
872	560804.1	4192246	8.78E-03	6.28E-03
873	560801.8	4192256	8.79E-03	6.29E-03
874	560799.6	4192265	8.80E-03	6.29E-03
875	560797.3	4192275	8.79E-03	6.29E-03
876	560803.5	4192207	8.17E-03	5.84E-03
877	560801.3	4192216	8.23E-03	5.89E-03
878	560799	4192225	8.29E-03	5.93E-03

879	560796.7	4192235	8.33E-03	5.96E-03
880	560794.4	4192244	8.36E-03	5.98E-03
881	560792.1	4192253	8.38E-03	5.99E-03
882	560789.8	4192263	8.38E-03	5.99E-03
883	560787.6	4192272	8.37E-03	5.99E-03
884	560793.8	4192204	7.80E-03	5.58E-03
885	560791.5	4192214	7.86E-03	5.62E-03
886	560789.3	4192223	7.91E-03	5.66E-03
887	560787	4192232	7.95E-03	5.69E-03
888	560784.7	4192242	7.98E-03	5.71E-03
889	560782.4	4192251	7.99E-03	5.72E-03
890	560780.1	4192260	8.00E-03	5.72E-03
891	560777.8	4192270	7.99E-03	5.71E-03
892	560781.8	4192211	7.52E-03	5.37E-03
893	560779.5	4192221	7.56E-03	5.41E-03
894	560777.3	4192230	7.59E-03	5.43E-03
895	560775	4192239	7.62E-03	5.45E-03
896	560772.7	4192249	7.64E-03	5.46E-03
897	560770.4	4192258	7.64E-03	5.46E-03
898	560768.1	4192268	7.63E-03	5.46E-03
899	560772.1	4192209	7.18E-03	5.13E-03
900	560769.8	4192218	7.22E-03	5.16E-03
901	560767.5	4192228	7.26E-03	5.19E-03
902	560765.3	4192237	7.29E-03	5.21E-03
903	560763	4192246	7.31E-03	5.22E-03
904	560760.7	4192256	7.31E-03	5.22E-03
905	560758.4	4192265	7.30E-03	5.22E-03
906	560762.4	4192206	6.87E-03	4.91E-03
907	560760.1	4192216	6.90E-03	4.93E-03
908	560757.8	4192225	6.94E-03	4.96E-03
909	560755.5	4192235	6.97E-03	4.99E-03
910	560753.3	4192244	6.99E-03	5.00E-03
911	560751	4192253	6.99E-03	5.00E-03
912	560748.7	4192263	6.98E-03	4.99E-03
913	560752.7	4192204	6.57E-03	4.70E-03
914	560750.4	4192213	6.61E-03	4.73E-03
915	560748.1	4192223	6.65E-03	4.75E-03
916	560745.8	4192232	6.67E-03	4.77E-03
917	560743.5	4192242	6.69E-03	4.79E-03
918	560741.3	4192251	6.69E-03	4.79E-03
919	560739	4192260	6.68E-03	4.78E-03
920	560743	4192202	6.32E-03	4.52E-03
921	560740.7	4192211	6.35E-03	4.54E-03
922	560738.4	4192221	6.38E-03	4.56E-03
923	560736.1	4192230	6.40E-03	4.58E-03
924	560733.8	4192239	6.41E-03	4.58E-03
925	560731.5	4192249	6.41E-03	4.58E-03
926	560729.3	4192258	6.39E-03	4.57E-03
927	560733.2	4192199	6.07E-03	4.34E-03
928	560731	4192209	6.11E-03	4.37E-03
929	560728.7	4192218	6.13E-03	4.38E-03
930	560726.4	4192228	6.14E-03	4.39E-03

931	560724.1	4192237	6.15E-03	4.40E-03
932	560721.8	4192246	6.14E-03	4.39E-03
933	560719.5	4192256	6.13E-03	4.39E-03
934	560891.6	4192311	1.60E-02	1.15E-02
935	560888	4192329	1.60E-02	1.14E-02
936	560884.4	4192346	1.58E-02	1.13E-02
937	560880.8	4192364	1.56E-02	1.11E-02
938	560877.2	4192381	1.52E-02	1.09E-02
939	560881.9	4192309	1.49E-02	1.07E-02
940	560878.2	4192327	1.48E-02	1.06E-02
941	560874.6	4192344	1.47E-02	1.05E-02
942	560871	4192362	1.45E-02	1.03E-02
943	560867.4	4192379	1.41E-02	1.01E-02
944	560872.1	4192307	1.39E-02	9.96E-03
945	560868.4	4192325	1.38E-02	9.90E-03
946	560864.8	4192342	1.37E-02	9.79E-03
947	560861.2	4192360	1.35E-02	9.62E-03
948	560857.6	4192377	1.31E-02	9.40E-03
949	560862.3	4192305	1.30E-02	9.32E-03
950	560858.7	4192323	1.29E-02	9.26E-03
951	560855	4192340	1.28E-02	9.15E-03
952	560851.4	4192358	1.26E-02	8.98E-03
953	560847.8	4192375	1.23E-02	8.78E-03
954	560852.5	4192303	1.22E-02	8.74E-03
955	560848.9	4192321	1.21E-02	8.68E-03
956	560845.3	4192338	1.20E-02	8.57E-03
957	560841.6	4192356	1.18E-02	8.42E-03
958	560838	4192373	1.15E-02	8.22E-03
959	560842.7	4192301	1.15E-02	8.21E-03
960	560839.1	4192319	1.14E-02	8.16E-03
961	560835.5	4192336	1.13E-02	8.06E-03
962	560831.8	4192354	1.11E-02	7.92E-03
963	560828.2	4192371	1.08E-02	7.73E-03
964	560832.9	4192299	1.08E-02	7.75E-03
965	560829.3	4192317	1.08E-02	7.70E-03
966	560825.7	4192334	1.06E-02	7.60E-03
967	560822.1	4192352	1.04E-02	7.46E-03
968	560818.4	4192369	1.02E-02	7.28E-03
969	560823.1	4192297	1.02E-02	7.33E-03
970	560819.5	4192315	1.02E-02	7.28E-03
971	560815.9	4192332	1.01E-02	7.19E-03
972	560812.3	4192350	9.86E-03	7.05E-03
973	560808.6	4192367	9.62E-03	6.88E-03
974	560813.3	4192295	9.71E-03	6.94E-03
975	560809.7	4192313	9.64E-03	6.89E-03
976	560806.1	4192330	9.52E-03	6.81E-03
977	560802.5	4192348	9.34E-03	6.68E-03
978	560798.9	4192365	9.11E-03	6.51E-03
979	560803.5	4192293	9.22E-03	6.59E-03
980	560799.9	4192311	9.15E-03	6.54E-03
981	560796.3	4192328	9.03E-03	6.46E-03
982	560792.7	4192346	8.86E-03	6.34E-03

983	560789.1	4192363	8.64E-03	6.18E-03
984	560793.7	4192291	8.76E-03	6.27E-03
985	560790.1	4192309	8.70E-03	6.22E-03
986	560786.5	4192326	8.58E-03	6.14E-03
987	560782.9	4192344	8.42E-03	6.02E-03
988	560779.3	4192361	8.21E-03	5.87E-03
989	560783.9	4192289	8.34E-03	5.97E-03
990	560780.3	4192307	8.28E-03	5.92E-03
991	560776.7	4192324	8.17E-03	5.84E-03
992	560773.1	4192342	8.01E-03	5.73E-03
993	560769.5	4192359	7.81E-03	5.59E-03
994	560774.1	4192287	7.96E-03	5.69E-03
995	560770.5	4192305	7.89E-03	5.64E-03
996	560766.9	4192322	7.78E-03	5.57E-03
997	560763.3	4192340	7.64E-03	5.46E-03
998	560759.7	4192357	7.44E-03	5.32E-03
999	560764.3	4192285	7.60E-03	5.43E-03
1000	560760.7	4192303	7.53E-03	5.39E-03
1001	560757.1	4192320	7.43E-03	5.31E-03
1002	560753.5	4192338	7.29E-03	5.21E-03
1003	560749.9	4192355	7.10E-03	5.08E-03
1004	560756.3	4192274	7.28E-03	5.21E-03
1005	560752.7	4192292	7.24E-03	5.17E-03
1006	560749.1	4192309	7.15E-03	5.11E-03
1007	560745.5	4192327	7.03E-03	5.02E-03
1008	560741.9	4192344	6.87E-03	4.91E-03
1009	560746.6	4192272	6.96E-03	4.98E-03
1010	560742.9	4192290	6.91E-03	4.94E-03
1011	560739.3	4192307	6.83E-03	4.88E-03
1012	560735.7	4192325	6.71E-03	4.80E-03
1013	560732.1	4192342	6.56E-03	4.69E-03
1014	560736.8	4192270	6.66E-03	4.76E-03
1015	560733.1	4192288	6.61E-03	4.72E-03
1016	560729.5	4192305	6.52E-03	4.66E-03
1017	560725.9	4192323	6.41E-03	4.58E-03
1018	560722.3	4192340	6.27E-03	4.48E-03
1019	560727	4192268	6.37E-03	4.56E-03
1020	560723.4	4192286	6.32E-03	4.52E-03
1021	560719.7	4192303	6.25E-03	4.47E-03
1022	560716.1	4192321	6.14E-03	4.39E-03
1023	560712.5	4192338	6.01E-03	4.30E-03
1024	560717.2	4192266	6.12E-03	4.37E-03
1025	560713.6	4192284	6.07E-03	4.34E-03
1026	560710	4192301	6.00E-03	4.29E-03
1027	560706.3	4192319	5.90E-03	4.22E-03
1028	560702.7	4192336	5.77E-03	4.12E-03
1029	560873.7	4192397	1.48E-02	1.06E-02
1030	560864	4192395	1.37E-02	9.81E-03
1031	560860	4192412	1.32E-02	9.42E-03
1032	560856.1	4192430	1.25E-02	8.97E-03
1033	560854.2	4192393	1.28E-02	9.14E-03
1034	560850.3	4192410	1.23E-02	8.78E-03

1035	560846.4	4192428	1.17E-02	8.36E-03
1036	560844.4	4192390	1.19E-02	8.54E-03
1037	560842.5	4192399	1.17E-02	8.38E-03
1038	560838.6	4192417	1.12E-02	8.02E-03
1039	560834.7	4192434	1.06E-02	7.60E-03
1040	560834.7	4192388	1.12E-02	8.00E-03
1041	560830.8	4192406	1.07E-02	7.69E-03
1042	560826.8	4192423	1.02E-02	7.32E-03
1043	560824.9	4192386	1.05E-02	7.52E-03
1044	560821	4192404	1.01E-02	7.22E-03
1045	560817.1	4192421	9.62E-03	6.88E-03
1046	560815.1	4192430	9.37E-03	6.70E-03
1047	560815.2	4192384	9.90E-03	7.08E-03
1048	560811.2	4192401	9.51E-03	6.80E-03
1049	560807.3	4192419	9.07E-03	6.49E-03
1050	560805.4	4192382	9.36E-03	6.69E-03
1051	560801.5	4192399	8.99E-03	6.43E-03
1052	560797.6	4192417	8.58E-03	6.14E-03
1053	560795.6	4192379	8.86E-03	6.34E-03
1054	560791.7	4192397	8.52E-03	6.09E-03
1055	560787.8	4192415	8.13E-03	5.82E-03
1056	560785.9	4192377	8.41E-03	6.01E-03
1057	560782	4192395	8.08E-03	5.78E-03
1058	560778	4192412	7.72E-03	5.52E-03
1059	560776.1	4192375	7.99E-03	5.72E-03
1060	560774.2	4192384	7.84E-03	5.61E-03
1061	560770.2	4192401	7.52E-03	5.38E-03
1062	560766.3	4192419	7.17E-03	5.13E-03
1063	560766.4	4192373	7.61E-03	5.44E-03
1064	560762.4	4192390	7.32E-03	5.24E-03
1065	560758.5	4192408	7.00E-03	5.01E-03
1066	560756.6	4192371	7.26E-03	5.19E-03
1067	560752.7	4192388	6.99E-03	5.00E-03
1068	560748.8	4192406	6.69E-03	4.78E-03
1069	560746.8	4192415	6.53E-03	4.67E-03
1070	560746.8	4192369	6.93E-03	4.96E-03
1071	560742.9	4192386	6.67E-03	4.77E-03
1072	560739	4192404	6.39E-03	4.57E-03
1073	560739	4192358	6.73E-03	4.81E-03
1074	560735.1	4192375	6.51E-03	4.65E-03
1075	560731.2	4192393	6.25E-03	4.47E-03
1076	560727.3	4192410	5.98E-03	4.28E-03
1077	560729.3	4192355	6.44E-03	4.60E-03
1078	560725.4	4192373	6.23E-03	4.46E-03
1079	560721.4	4192391	5.99E-03	4.28E-03
1080	560717.5	4192408	5.73E-03	4.10E-03
1081	560719.5	4192353	6.16E-03	4.40E-03
1082	560715.6	4192371	5.97E-03	4.27E-03
1083	560711.7	4192388	5.73E-03	4.10E-03
1084	560707.8	4192406	5.49E-03	3.93E-03
1085	560709.8	4192351	5.90E-03	4.22E-03
1086	560707.8	4192360	5.81E-03	4.15E-03

1087	560703.9	4192377	5.60E-03	4.01E-03
1088	560700	4192395	5.38E-03	3.84E-03
1089	560700	4192349	5.66E-03	4.05E-03
1090	560696.1	4192366	5.47E-03	3.91E-03
1091	560692.2	4192384	5.27E-03	3.77E-03
1092	560688.2	4192402	5.06E-03	3.62E-03
1093	560852.1	4192454	1.17E-02	8.35E-03
1094	560842.2	4192453	1.09E-02	7.76E-03
1095	560840.5	4192470	1.03E-02	7.39E-03
1096	560832.3	4192452	1.01E-02	7.24E-03
1097	560830.6	4192469	9.62E-03	6.88E-03
1098	560822	4192453	9.40E-03	6.72E-03
1099	560823.9	4192439	9.78E-03	6.99E-03
1100	560820.6	4192469	8.98E-03	6.43E-03
1101	560812.1	4192452	8.81E-03	6.30E-03
1102	560810.6	4192468	8.42E-03	6.02E-03
1103	560802.2	4192451	8.29E-03	5.93E-03
1104	560804.3	4192435	8.66E-03	6.19E-03
1105	560800.6	4192468	7.92E-03	5.66E-03
1106	560792.2	4192450	7.83E-03	5.60E-03
1107	560794.5	4192434	8.19E-03	5.86E-03
1108	560782.3	4192449	7.40E-03	5.29E-03
1109	560784.7	4192432	7.76E-03	5.55E-03
1110	560772.4	4192448	7.02E-03	5.02E-03
1111	560773.6	4192439	7.19E-03	5.14E-03
1112	560774.9	4192430	7.36E-03	5.27E-03
1113	560762.2	4192449	6.63E-03	4.74E-03
1114	560764.3	4192434	6.90E-03	4.94E-03
1115	560752.3	4192448	6.30E-03	4.51E-03
1116	560754.4	4192432	6.57E-03	4.70E-03
1117	560742.3	4192447	6.01E-03	4.30E-03
1118	560744.6	4192431	6.27E-03	4.48E-03
1119	560732.4	4192446	5.73E-03	4.10E-03
1120	560734.7	4192429	5.99E-03	4.28E-03
1121	560722.4	4192445	5.48E-03	3.92E-03
1122	560724.9	4192428	5.73E-03	4.10E-03
1123	560712.3	4192446	5.22E-03	3.73E-03
1124	560714.4	4192431	5.43E-03	3.88E-03
1125	560702.4	4192445	5.00E-03	3.58E-03
1126	560704.5	4192429	5.21E-03	3.72E-03
1127	560692.4	4192444	4.80E-03	3.43E-03
1128	560694.6	4192428	5.00E-03	3.57E-03
1129	560696.9	4192412	5.18E-03	3.70E-03
1130	560682.5	4192443	4.61E-03	3.29E-03
1131	560684.8	4192427	4.80E-03	3.43E-03
1132	561570.5	4192470	1.95E-03	1.40E-03
1133	561116.5	4192516	9.74E-02	6.96E-02
1134	561122.2	4192517	9.50E-02	6.79E-02
1135	561127.4	4192519	9.18E-02	6.57E-02
1136	561132.3	4192520	8.81E-02	6.30E-02
1137	561136.5	4192521	8.44E-02	6.04E-02
1138	561141.7	4192522	7.93E-02	5.67E-02

1139	561146.4	4192523	7.37E-02	5.27E-02
1140	561149.5	4192524	6.97E-02	4.99E-02

T4iRev										T4fRev									
										2.34E-05								1.73E-05	
UTM X	UTM Y	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total		
1	561383.48	4192287.53	2.35E-07	1.66E-07	2.37E-08	2.38E-08	2.37E-08	1.76E-08	1.07E-08	5.00E-07	1.68E-07	1.29E-07	1.84E-08	1.85E-08	1.84E-08	1.23E-08	5.37E-09	3.70E-07	
2	561389.35	4192262.71	2.26E-07	1.59E-07	2.28E-08	2.29E-08	2.28E-08	1.69E-08	1.03E-08	4.80E-07	1.61E-07	1.24E-07	1.77E-08	1.77E-08	1.77E-08	1.18E-08	5.16E-09	3.55E-07	
3	561390.63	4192271.92	2.23E-07	1.57E-07	2.26E-08	2.26E-08	2.26E-08	1.67E-08	1.01E-08	4.75E-07	1.60E-07	1.23E-07	1.75E-08	1.75E-08	1.75E-08	1.17E-08	5.11E-09	3.52E-07	
4	561391.9	4192281.12	2.20E-07	1.55E-07	2.23E-08	2.23E-08	2.23E-08	1.65E-08	1.00E-08	4.69E-07	1.58E-07	1.21E-07	1.73E-08	1.73E-08	1.73E-08	1.15E-08	5.04E-09	3.47E-07	
5	561393.17	4192290.32	2.17E-07	1.53E-07	2.19E-08	2.20E-08	2.19E-08	1.62E-08	9.85E-09	4.61E-07	1.55E-07	1.19E-07	1.70E-08	1.70E-08	1.70E-08	1.13E-08	4.96E-09	3.41E-07	
6	561395.97	4192243.3	2.13E-07	1.50E-07	2.15E-08	2.16E-08	2.15E-08	1.59E-08	9.67E-09	4.53E-07	1.52E-07	1.17E-07	1.67E-08	1.67E-08	1.67E-08	1.11E-08	4.87E-09	3.35E-07	
7	561397.32	4192253.01	2.12E-07	1.49E-07	2.14E-08	2.15E-08	2.14E-08	1.59E-08	9.62E-09	4.51E-07	1.51E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.11E-08	4.84E-09	3.33E-07	
8	561398.66	4192262.73	2.10E-07	1.48E-07	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.54E-09	4.47E-07	1.50E-07	1.15E-07	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.80E-09	3.31E-07	
9	561400.01	4192272.44	2.08E-07	1.46E-07	2.10E-08	2.10E-08	2.10E-08	1.56E-08	9.43E-09	4.42E-07	1.48E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.08E-08	4.75E-09	3.27E-07	
10	561401.35	4192282.16	2.04E-07	1.44E-07	2.07E-08	2.07E-08	2.07E-08	1.53E-08	9.29E-09	4.35E-07	1.46E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.07E-08	4.68E-09	3.22E-07	
11	561402.69	4192291.87	2.01E-07	1.42E-07	2.03E-08	2.04E-08	2.03E-08	1.51E-08	9.13E-09	4.28E-07	1.44E-07	1.10E-07	1.58E-08	1.58E-08	1.58E-08	1.05E-08	4.60E-09	3.17E-07	
12	561404.44	4192237.18	1.99E-07	1.40E-07	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.03E-09	4.23E-07	1.42E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.54E-09	3.13E-07	
13	561405.76	4192246.77	1.98E-07	1.40E-07	2.00E-08	2.01E-08	2.00E-08	1.48E-08	9.00E-09	4.22E-07	1.42E-07	1.09E-07	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	3.12E-07	
14	561407.09	4192256.35	1.97E-07	1.39E-07	1.99E-08	1.99E-08	1.99E-08	1.47E-08	8.94E-09	4.19E-07	1.41E-07	1.08E-07	1.54E-08	1.55E-08	1.54E-08	1.03E-08	4.50E-09	3.10E-07	
15	561408.41	4192265.94	1.95E-07	1.37E-07	1.97E-08	1.97E-08	1.97E-08	1.46E-08	8.85E-09	4.15E-07	1.39E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.46E-09	3.07E-07	
16	561409.74	4192275.53	1.92E-07	1.36E-07	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	4.10E-07	1.38E-07	1.06E-07	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.40E-09	3.03E-07	
17	561411.07	4192285.11	1.90E-07	1.34E-07	1.92E-08	1.92E-08	1.92E-08	1.42E-08	8.62E-09	4.04E-07	1.36E-07	1.04E-07	1.49E-08	1.49E-08	1.49E-08	9.91E-09	4.34E-09	2.99E-07	
18	561412.39	4192294.7	1.87E-07	1.32E-07	1.89E-08	1.89E-08	1.89E-08	1.40E-08	8.48E-09	3.97E-07	1.33E-07	1.02E-07	1.46E-08	1.47E-08	1.46E-08	9.75E-09	4.27E-09	2.94E-07	
19	561414.22	4192240.65	1.85E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.43E-09	3.95E-07	1.33E-07	1.02E-07	1.45E-08	1.46E-08	1.45E-08	9.69E-09	4.24E-09	2.92E-07	
20	561415.54	4192250.13	1.85E-07	1.30E-07	1.87E-08	1.87E-08	1.87E-08	1.38E-08	8.39E-09	3.93E-07	1.32E-07	1.01E-07	1.45E-08	1.45E-08	1.45E-08	9.65E-09	4.23E-09	2.91E-07	
21	561416.85	4192259.6	1.83E-07	1.29E-07	1.85E-08	1.86E-08	1.85E-08	1.37E-08	8.33E-09	3.90E-07	1.31E-07	1.01E-07	1.44E-08	1.44E-08	1.44E-08	9.58E-09	4.19E-09	2.89E-07	
22	561418.16	4192269.07	1.82E-07	1.28E-07	1.83E-08	1.84E-08	1.83E-08	1.36E-08	8.25E-09	3.86E-07	1.30E-07	9.97E-08	1.42E-08	1.43E-08	1.42E-08	9.49E-09	4.15E-09	2.86E-07	
23	561419.47	4192278.55	1.79E-07	1.26E-07	1.81E-08	1.82E-08	1.81E-08	1.34E-08	8.14E-09	3.82E-07	1.28E-07	9.85E-08	1.40E-08	1.41E-08	1.40E-08	9.37E-09	4.10E-09	2.82E-07	
24	561420.78	4192288.02	1.77E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.32E-08	8.03E-09	3.76E-07	1.26E-07	9.70E-08	1.38E-08	1.39E-08	1.38E-08	9.23E-09	4.04E-09	2.78E-07	
25	561424	4192244.03	1.74E-07	1.23E-07	1.76E-08	1.76E-08	1.76E-08	1.30E-08	7.90E-09	3.70E-07	1.24E-07	9.55E-08	1.36E-08	1.37E-08	1.36E-08	9.09E-09	3.98E-09	2.74E-07	
26	561425.3	4192253.4	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.86E-09	3.68E-07	1.24E-07	9.50E-08	1.36E-08	1.36E-08	1.36E-08	9.04E-09	3.96E-09	2.72E-07	
27	561426.59	4192262.77	1.72E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.80E-09	3.65E-07	1.23E-07	9.42E-08	1.34E-08	1.35E-08	1.34E-08	8.96E-09	3.92E-09	2.70E-07	
28	561356.27	4192417.52	3.04E-07	2.14E-07	3.07E-08	3.08E-08	3.07E-08	2.28E-08	1.38E-08	6.46E-07	2.17E-07	1.67E-07	2.38E-08	2.39E-08	2.38E-08	1.59E-08	6.95E-09	4.78E-07	
29	561366.04	4192419.68	2.74E-07	1.93E-07	2.77E-08	2.77E-08	2.77E-08	2.05E-08	1.24E-08	5.83E-07	1.96E-07	1.50E-07	2.14E-08	2.15E-08	2.14E-08	1.43E-08	6.26E-09	4.31E-07	
30	561375.8	4192421.84	2.48E-07	1.75E-07	2.50E-08	2.51E-08	2.50E-08	1.86E-08	1.13E-08	5.27E-07	1.77E-07	1.36E-07	1.94E-08	1.95E-08	1.94E-08	1.29E-08	5.67E-09	3.90E-07	
31	561385.56	4192424.01	2.25E-07	1.59E-07	2.28E-08	2.28E-08	2.28E-08	1.69E-08	1.02E-08	4.79E-07	1.61E-07	1.24E-07	1.76E-08	1.77E-08	1.76E-08	1.18E-08	5.15E-09	3.55E-07	
32	561405.09	4192428.33	1.89E-07	1.33E-07	1.91E-08	1.91E-08	1.91E-08	1.41E-08	8.57E-09	4.02E-07	1.35E-07	1.04E-07	1.48E-08	1.48E-08	1.48E-08	9.86E-09	4.32E-09	2.97E-07	
33	561116.02	4192791.18	7.28E-07	5.13E-07	7.36E-08	7.38E-08	7.36E-08	5.46E-08	3.31E-08	1.55E-06	5.21E-07	4.00E-07	5.71E-08	5.72E-08	5.71E-08	3.80E-08	1.67E-08	1.15E-06	
34	561414.85	4192430.5	1.73E-07	1.22E-07	1.75E-08	1.76E-08	1.75E-08	1.30E-08	7.88E-09	3.69E-07	1.24E-07	9.52E-08	1.36E-08	1.36E-08	1.36E-08	9.06E-09	3.97E-09	2.73E-07	
35	561122.51	4192799.55	6.99E-07	4.93E-07	7.06E-08	7.08E-08	7.06E-08	5.24E-08	3.17E-08	1.49E-06	5.00E-07	3.84E-07	5.48E-08	5.49E-08	5.48E-08	3.65E-08	1.60E-08	1.10E-06	
36	561424.61	4192432.66	1.59E-07	1.12E-07	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.24E-09	3.39E-07	1.14E-07	8.75E-08	1.25E-08	1.25E-08	1.25E-08	8.32E-09	3.64E-09	2.51E-07	
37	561150.66	4192804.85	6.90E-07	4.86E-07	6.97E-08	6.99E-08	6.97E-08	5.17E-08	3.13E-08	1.47E-06	4.93E-07	3.79E-07	5.41E-08	5.42E-08	5.41E-08	3.60E-08	1.58E-08	1.09E-06	
38	561140.93	4192806.23	6.83E-07	4.82E-07	6.90E-08	6.92E-08	6.90E-08	5.12E-08	3.10E-08	1.45E-06	4.89E-07	3.75E-07	5.35E-08	5.37E-08	5.35E-08	3.57E-08	1.56E-08	1.08E-06	
39	561131.19	4192807.61	6.73E-07	4.75E-07	6.80E-08	6.82E-08	6												

50	561422.82	4192533.18	1.64E-07	1.15E-07	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.44E-09	3.49E-07	1.17E-07	9.00E-08	1.28E-08	1.29E-08	1.28E-08	8.56E-09	3.75E-09	2.58E-07
51	561424.95	4192523.56	1.60E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.28E-09	3.41E-07	1.15E-07	8.81E-08	1.26E-08	1.26E-08	1.26E-08	8.38E-09	3.67E-09	2.52E-07
52	561442.01	4192446.61	1.38E-07	9.71E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.26E-09	2.93E-07	9.85E-08	7.57E-08	1.08E-08	1.08E-08	1.08E-08	7.20E-09	3.15E-09	2.17E-07
53	561444.14	4192436.99	1.35E-07	9.55E-08	1.37E-08	1.37E-08	1.37E-08	1.02E-08	6.15E-09	2.88E-07	9.68E-08	7.44E-08	1.06E-08	1.06E-08	1.06E-08	7.08E-09	3.10E-09	2.13E-07
54	561182.43	4192818.93	6.24E-07	4.40E-07	6.31E-08	6.33E-08	6.31E-08	4.68E-08	2.84E-08	1.33E-06	4.46E-07	3.43E-07	4.89E-08	4.90E-08	4.89E-08	3.26E-08	1.43E-08	9.83E-07
55	561172.87	4192820.28	6.28E-07	4.43E-07	6.35E-08	6.37E-08	6.35E-08	4.71E-08	2.86E-08	1.34E-06	4.49E-07	3.45E-07	4.93E-08	4.94E-08	4.93E-08	3.28E-08	1.44E-08	9.90E-07
56	561163.32	4192821.63	6.29E-07	4.43E-07	6.36E-08	6.37E-08	6.36E-08	4.71E-08	2.86E-08	1.34E-06	4.50E-07	3.45E-07	4.93E-08	4.94E-08	4.93E-08	3.29E-08	1.44E-08	9.90E-07
57	561153.76	4192822.99	6.26E-07	4.41E-07	6.32E-08	6.34E-08	6.32E-08	4.69E-08	2.84E-08	1.33E-06	4.48E-07	3.44E-07	4.90E-08	4.92E-08	4.90E-08	3.27E-08	1.43E-08	9.85E-07
58	561144.21	4192824.34	6.20E-07	4.37E-07	6.26E-08	6.28E-08	6.26E-08	4.65E-08	2.82E-08	1.32E-06	4.43E-07	3.40E-07	4.86E-08	4.87E-08	4.86E-08	3.24E-08	1.42E-08	9.76E-07
59	561134.65	4192825.69	6.11E-07	4.31E-07	6.18E-08	6.19E-08	6.18E-08	4.58E-08	2.78E-08	1.30E-06	4.37E-07	3.36E-07	4.79E-08	4.80E-08	4.79E-08	3.19E-08	1.40E-08	9.62E-07
60	561125.1	4192827.04	6.00E-07	4.23E-07	6.07E-08	6.08E-08	6.07E-08	4.50E-08	2.73E-08	1.28E-06	4.29E-07	3.30E-07	4.70E-08	4.72E-08	4.70E-08	3.14E-08	1.37E-08	9.45E-07
61	561115.54	4192828.39	5.88E-07	4.14E-07	5.94E-08	5.96E-08	5.94E-08	4.40E-08	2.67E-08	1.25E-06	4.20E-07	3.23E-07	4.60E-08	4.62E-08	4.60E-08	3.07E-08	1.34E-08	9.25E-07
62	561432.58	4192535.35	1.52E-07	1.07E-07	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	3.24E-07	1.09E-07	8.35E-08	1.19E-08	1.19E-08	1.19E-08	7.94E-09	3.48E-09	2.39E-07
63	561434.72	4192525.73	1.49E-07	1.05E-07	1.50E-08	1.51E-08	1.50E-08	1.11E-08	6.76E-09	3.17E-07	1.06E-07	8.17E-08	1.17E-08	1.17E-08	1.17E-08	7.77E-09	3.40E-09	2.34E-07
64	561451.77	4192448.77	1.28E-07	9.00E-08	1.29E-08	1.29E-08	1.29E-08	9.57E-09	5.80E-09	2.72E-07	9.13E-08	7.01E-08	1.00E-08	1.00E-08	1.00E-08	6.67E-09	2.92E-09	2.01E-07
65	561453.9	4192439.15	1.26E-07	8.86E-08	1.27E-08	1.27E-08	1.27E-08	9.42E-09	5.71E-09	2.67E-07	8.99E-08	6.90E-08	9.85E-09	9.87E-09	9.85E-09	6.57E-09	2.87E-09	1.98E-07
66	561216.89	4192823.34	5.58E-07	3.93E-07	5.64E-08	5.65E-08	5.64E-08	4.18E-08	2.53E-08	1.19E-06	3.99E-07	3.06E-07	4.37E-08	4.38E-08	4.37E-08	2.91E-08	1.28E-08	8.78E-07
67	561207.41	4192824.68	5.72E-07	4.03E-07	5.78E-08	5.80E-08	5.78E-08	4.29E-08	2.60E-08	1.22E-06	4.09E-07	3.14E-07	4.49E-08	4.50E-08	4.49E-08	2.99E-08	1.31E-08	9.01E-07
68	561197.93	4192826.02	5.84E-07	4.12E-07	5.91E-08	5.92E-08	5.91E-08	4.38E-08	2.66E-08	1.24E-06	4.18E-07	3.21E-07	4.58E-08	4.59E-08	4.58E-08	3.05E-08	1.34E-08	9.20E-07
69	561178.98	4192828.71	5.99E-07	4.22E-07	6.05E-08	6.07E-08	6.05E-08	4.49E-08	2.72E-08	1.27E-06	4.28E-07	3.29E-07	4.69E-08	4.70E-08	4.69E-08	3.13E-08	1.37E-08	9.43E-07
70	561169.5	4192830.05	6.01E-07	4.23E-07	6.07E-08	6.09E-08	6.07E-08	4.50E-08	2.73E-08	1.28E-06	4.29E-07	3.30E-07	4.71E-08	4.72E-08	4.71E-08	3.14E-08	1.37E-08	9.46E-07
71	561160.02	4192831.39	5.99E-07	4.22E-07	6.05E-08	6.07E-08	6.05E-08	4.49E-08	2.72E-08	1.28E-06	4.28E-07	3.29E-07	4.69E-08	4.71E-08	4.69E-08	3.13E-08	1.37E-08	9.43E-07
72	561150.54	4192832.73	5.95E-07	4.19E-07	6.01E-08	6.03E-08	6.01E-08	4.46E-08	2.70E-08	1.27E-06	4.25E-07	3.27E-07	4.66E-08	4.67E-08	4.66E-08	3.11E-08	1.36E-08	9.36E-07
73	561141.06	4192834.07	5.87E-07	4.14E-07	5.94E-08	5.95E-08	5.94E-08	4.40E-08	2.67E-08	1.25E-06	4.20E-07	3.23E-07	4.60E-08	4.62E-08	4.60E-08	3.07E-08	1.34E-08	9.25E-07
74	561131.59	4192835.41	5.78E-07	4.08E-07	5.84E-08	5.86E-08	5.84E-08	4.33E-08	2.63E-08	1.23E-06	4.14E-07	3.18E-07	4.53E-08	4.54E-08	4.53E-08	3.02E-08	1.32E-08	9.11E-07
75	561122.11	4192836.75	5.67E-07	4.00E-07	5.73E-08	5.75E-08	5.73E-08	4.25E-08	2.58E-08	1.21E-06	4.06E-07	3.12E-07	4.45E-08	4.46E-08	4.45E-08	2.96E-08	1.30E-08	8.93E-07
76	561112.63	4192838.09	5.55E-07	3.91E-07	5.61E-08	5.62E-08	5.61E-08	4.16E-08	2.52E-08	1.18E-06	3.97E-07	3.05E-07	4.35E-08	4.36E-08	4.35E-08	2.90E-08	1.27E-08	8.74E-07
77	561442.35	4192537.51	1.41E-07	9.96E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.42E-09	3.01E-07	1.01E-07	7.76E-08	1.11E-08	1.11E-08	1.11E-08	7.39E-09	3.23E-09	2.23E-07
78	561444.48	4192527.89	1.38E-07	9.74E-08	1.40E-08	1.40E-08	1.40E-08	1.04E-08	6.28E-09	2.94E-07	9.88E-08	7.59E-08	1.08E-08	1.09E-08	1.08E-08	7.22E-09	3.16E-09	2.18E-07
79	561461.53	4192450.94	1.19E-07	8.36E-08	1.20E-08	1.20E-08	1.20E-08	8.89E-09	5.39E-09	2.52E-07	8.48E-08	6.51E-08	9.29E-09	9.32E-09	9.29E-09	6.20E-09	2.71E-09	1.87E-07
80	561463.67	4192441.32	1.17E-07	8.23E-08	1.18E-08	1.18E-08	1.18E-08	8.75E-09	5.31E-09	2.49E-07	8.35E-08	6.41E-08	9.15E-09	9.18E-09	9.15E-09	6.10E-09	2.67E-09	1.84E-07
81	561241.45	4192829.16	4.93E-07	3.48E-07	4.98E-08	5.00E-08	4.98E-08	3.70E-08	2.24E-08	1.05E-06	3.53E-07	2.71E-07	3.86E-08	3.87E-08	3.86E-08	2.58E-08	1.13E-08	7.76E-07
82	561232.04	4192830.49	5.12E-07	3.61E-07	5.17E-08	5.19E-08	5.17E-08	3.84E-08	2.32E-08	1.09E-06	3.66E-07	2.81E-07	4.01E-08	4.02E-08	4.01E-08	2.67E-08	1.17E-08	8.06E-07
83	561222.63	4192831.82	5.28E-07	3.72E-07	5.34E-08	5.36E-08	5.34E-08	3.96E-08	2.40E-08	1.12E-06	3.78E-07	2.90E-07	4.14E-08	4.15E-08	4.14E-08	2.76E-08	1.21E-08	8.32E-07
84	561213.23	4192833.15	5.43E-07	3.83E-07	5.49E-08	5.50E-08	5.49E-08	4.07E-08	2.47E-08	1.16E-06	3.88E-07	2.98E-07	4.25E-08	4.27E-08	4.25E-08	2.84E-08	1.24E-08	8.55E-07
85	561203.82	4192834.48	5.55E-07	3.91E-07	5.61E-08	5.62E-08	5.61E-08	4.16E-08	2.52E-08	1.18E-06	3.97E-07	3.05E-07	4.35E-08	4.36E-08	4.35E-08	2.90E-08	1.27E-08	8.74E-07
86	561185	4192837.14	5.70E-07	4.02E-07	5.77E-08	5.78E-08	5.77E-08	4.28E-08	2.59E-08	1.21E-06	4.08E-07	3.13E-07	4.47E-08	4.48E-08	4.47E-08	2.98E-08	1.31E-08	8.98E-07
87	561175.6	4192838.47	5.74E-07	4.04E-07	5.80E-08	5.81E-08	5.80E-08	4.30E-08	2.61E-08	1.22E-06	4.10E-07	3.15E-07	4.50E-08	4.51E-08	4.50E-08	3.00E-08	1.31E-08	9.03E-07
88	561166.19	4192839.8	5.73E-07	4.04E-07	5.80E-08	5.81E-08	5.80E-08	4.30E-08	2.61E-08	1.22E-06	4.10E-07	3.15E-07	4.49E-08	4.51E-08	4.49E-08	3.00E-08	1.31E-08	9.03E-07
89	561156.78	4192841.13	5.70E-07	4.02E-07	5.76E-08	5.78E-08	5.76E-08	4.28E-08	2.59E-08	1.21E-06	4.08E-07	3.13E-07	4.47E-08	4.48E-08	4.47E-08	2.98E-08	1.30E-08	8.98E-07
90	561147.37	4192842.46	5.65E-07	3.98E-07	5.71E-08	5.72E-08	5.71E-08	4.23E-08	2.57E-08	1.20E-06	4.04E-07	3.10E-07	4.43E-08	4.44E-08	4.43E-08	2.95E-08	1.29E-08	8.89E-07
91	561137.97	4192843.79	5.57E-07	3.93E-07	5.63E-08	5.65E-08	5.63E-08	4.18E-08	2.53E-08	1.19E-06	3.98E-07	3.06E-07	4.37E-08	4.38E-08	4.37E-08	2.91E-08	1.27E-08	8.77E-07
92	561128.56	4192845.12	5.48E-07	3.86E-07	5.53E-08	5.55E-08	5.53E-08	4.10E-08	2.49E-08	1.17E-06	3.92E-07	3.01E-07	4.29E-08	4.30E-08	4.29E-08	2.86E-08	1.25E-08	8.62E-07
93	561119.15	4192846.45	5.36E-07	3.78E-07	5.42E-08	5.44E-08	5.42E-08	4.02E-08	2.44E-08	1.14E-06	3.84E-07	2.95E-07	4.20E-08	4.22E-08	4.20E-08	2.80E-08	1.23E-08	8.45E-07
94	561109.74	4192847.78	5.24E-07	3.70E-07	5.30E-08	5.31E-08	5.30E-08	3.93E-08	2.38E-08	1.12E-06	3.75E-07	2.88E-07	4.11E-08	4.12E-08	4.11E-08	2.74E-08	1.20E-08	8.26E-07
95	561452.11	4192539.68	1.32E-07	9.28E-08	1.33E-08	1.33E-08	1.33E-08	9.87E-09	5.98E-09	2.80E-07	9.41E-08	7.23E-08	1.03E-08	1.03E-08	1.03E-08	6.88E-09	3.01E-09	2.07E-07
96	561454.24	4192530.06	1.29E-07	9.07E-08	1.30E-08	1.30E-08	1.30E-08	9.64E-09	5.85E-09	2.74E-07	9.20E-08	7.07E-08	1.01E-08	1.01E-08	1.01E-08	6.72E-09	2.94E-09	2.03E-07
97	561471.3	4192453.1	1.10E-07	7.78E-08	1.12E-08	1.12E-08	1.12E-08	8.27E-09	5.01E-09	2.35E-07	7.89E-08	6.06E-08	8.65E-09	8.67E-09	8.65E-09	5.77E-09	2.52E-09	1.74E-07
98	561473.43	4192443.48	1.09E-07	7.67E-08	1.10E-08	1.10E-08	1.10E-08	8.15E-09	4.94E-09	2.32E-07	7.78E-08	5.97E-08	8.52E-09	8.55E-09	8.52E-09	5.68E-09	2.49E-09	1.71E-07
99	561264.15	4192835.23	4.31E-07	3.04E-07	4.36E-08	4.37E-08	4.36E-08	3.23E-08	1.96E-08	9.18E-07	3.08E-07	2.37E-07	3.38E-08	3.39E-08	3.38E-08	2.25E-0		

103	561225.22	4192840.74	5.06E-07	3.57E-07	5.12E-08	5.13E-08	5.12E-08	3.79E-08	2.30E-08	1.08E-06	3.62E-07	2.78E-07	3.97E-08	3.98E-08	3.97E-08	2.64E-08	1.16E-08	7.97E-07
104	561215.49	4192842.11	5.20E-07	3.67E-07	5.26E-08	5.27E-08	5.26E-08	3.90E-08	2.36E-08	1.11E-06	3.72E-07	2.86E-07	4.08E-08	4.09E-08	4.08E-08	2.72E-08	1.19E-08	8.19E-07
105	561205.76	4192843.49	5.31E-07	3.75E-07	5.37E-08	5.39E-08	5.37E-08	3.98E-08	2.42E-08	1.13E-06	3.80E-07	2.92E-07	4.17E-08	4.18E-08	4.17E-08	2.78E-08	1.22E-08	8.37E-07
106	561196.02	4192844.87	5.40E-07	3.81E-07	5.46E-08	5.48E-08	5.46E-08	4.05E-08	2.46E-08	1.15E-06	3.86E-07	2.97E-07	4.23E-08	4.25E-08	4.23E-08	2.82E-08	1.24E-08	8.51E-07
107	561176.56	4192847.62	5.49E-07	3.87E-07	5.55E-08	5.56E-08	5.55E-08	4.11E-08	2.49E-08	1.17E-06	3.92E-07	3.01E-07	4.30E-08	4.31E-08	4.30E-08	2.87E-08	1.26E-08	8.64E-07
108	561166.83	4192849	5.48E-07	3.86E-07	5.54E-08	5.56E-08	5.54E-08	4.11E-08	2.49E-08	1.17E-06	3.92E-07	3.01E-07	4.30E-08	4.31E-08	4.30E-08	2.86E-08	1.25E-08	8.63E-07
109	561157.1	4192850.37	5.45E-07	3.84E-07	5.51E-08	5.52E-08	5.51E-08	4.08E-08	2.48E-08	1.16E-06	3.90E-07	2.99E-07	4.27E-08	4.28E-08	4.27E-08	2.85E-08	1.25E-08	8.58E-07
110	561147.36	4192851.75	5.39E-07	3.80E-07	5.45E-08	5.46E-08	5.45E-08	4.04E-08	2.45E-08	1.15E-06	3.85E-07	2.96E-07	4.22E-08	4.24E-08	4.22E-08	2.82E-08	1.23E-08	8.49E-07
111	561137.63	4192853.13	5.31E-07	3.74E-07	5.37E-08	5.38E-08	5.37E-08	3.98E-08	2.41E-08	1.13E-06	3.80E-07	2.92E-07	4.16E-08	4.17E-08	4.16E-08	2.77E-08	1.21E-08	8.36E-07
112	561127.9	4192854.5	5.21E-07	3.67E-07	5.27E-08	5.28E-08	5.27E-08	3.91E-08	2.37E-08	1.11E-06	3.73E-07	2.86E-07	4.09E-08	4.10E-08	4.09E-08	2.72E-08	1.19E-08	8.21E-07
113	561118.17	4192855.88	5.10E-07	3.60E-07	5.16E-08	5.17E-08	5.16E-08	3.82E-08	2.32E-08	1.09E-06	3.65E-07	2.80E-07	4.00E-08	4.01E-08	4.00E-08	2.67E-08	1.17E-08	8.03E-07
114	561461.87	4192541.84	1.23E-07	8.66E-08	1.24E-08	1.24E-08	1.24E-08	9.21E-09	5.58E-09	2.61E-07	8.78E-08	6.75E-08	9.63E-09	9.65E-09	9.63E-09	6.42E-09	2.81E-09	1.93E-07
115	561464	4192532.22	1.20E-07	8.46E-08	1.21E-08	1.22E-08	1.21E-08	8.99E-09	5.45E-09	2.55E-07	8.58E-08	6.59E-08	9.40E-09	9.43E-09	9.40E-09	6.27E-09	2.74E-09	1.89E-07
116	561476.8	4192474.5	1.06E-07	7.48E-08	1.07E-08	1.08E-08	1.07E-08	7.95E-09	4.82E-09	2.26E-07	7.59E-08	5.83E-08	8.32E-09	8.34E-09	8.32E-09	5.54E-09	2.43E-09	1.67E-07
117	561481.06	4192455.26	1.03E-07	7.25E-08	1.04E-08	1.04E-08	1.04E-08	7.71E-09	4.67E-09	2.19E-07	7.36E-08	5.65E-08	8.06E-09	8.09E-09	8.06E-09	5.38E-09	2.35E-09	1.62E-07
118	561483.19	4192445.64	1.01E-07	7.15E-08	1.03E-08	1.03E-08	1.03E-08	7.61E-09	4.61E-09	2.16E-07	7.26E-08	5.57E-08	7.95E-09	7.98E-09	7.95E-09	5.30E-09	2.32E-09	1.60E-07
119	561269.64	4192843.74	4.09E-07	2.88E-07	4.13E-08	4.14E-08	4.13E-08	3.06E-08	1.86E-08	8.70E-07	2.92E-07	2.25E-07	3.20E-08	3.21E-08	3.20E-08	2.14E-08	9.35E-09	6.44E-07
120	561259.99	4192845.11	4.28E-07	3.02E-07	4.33E-08	4.34E-08	4.33E-08	3.21E-08	1.95E-08	9.12E-07	3.06E-07	2.35E-07	3.36E-08	3.37E-08	3.36E-08	2.24E-08	9.80E-09	6.75E-07
121	561250.33	4192846.47	4.47E-07	3.15E-07	4.52E-08	4.53E-08	4.52E-08	3.35E-08	2.03E-08	9.52E-07	3.20E-07	2.46E-07	3.50E-08	3.51E-08	3.50E-08	2.34E-08	1.02E-08	7.04E-07
122	561240.68	4192847.84	4.65E-07	3.27E-07	4.70E-08	4.71E-08	4.70E-08	3.48E-08	2.11E-08	9.89E-07	3.32E-07	2.55E-07	3.64E-08	3.65E-08	3.64E-08	2.43E-08	1.06E-08	7.32E-07
123	561231.02	4192849.2	4.80E-07	3.39E-07	4.86E-08	4.87E-08	4.86E-08	3.60E-08	2.18E-08	1.02E-06	3.44E-07	2.64E-07	3.77E-08	3.78E-08	3.77E-08	2.51E-08	1.10E-08	7.57E-07
124	561221.37	4192850.57	4.94E-07	3.48E-07	5.00E-08	5.01E-08	5.00E-08	3.70E-08	2.25E-08	1.05E-06	3.53E-07	2.71E-07	3.87E-08	3.88E-08	3.87E-08	2.58E-08	1.13E-08	7.78E-07
125	561211.71	4192851.93	5.06E-07	3.56E-07	5.11E-08	5.13E-08	5.11E-08	3.79E-08	2.30E-08	1.08E-06	3.62E-07	2.78E-07	3.96E-08	3.97E-08	3.96E-08	2.64E-08	1.16E-08	7.96E-07
126	561202.06	4192853.3	5.15E-07	3.63E-07	5.20E-08	5.22E-08	5.20E-08	3.86E-08	2.34E-08	1.10E-06	3.68E-07	2.83E-07	4.03E-08	4.04E-08	4.03E-08	2.69E-08	1.18E-08	8.10E-07
127	561173.1	4192857.4	5.26E-07	3.70E-07	5.31E-08	5.33E-08	5.31E-08	3.94E-08	2.39E-08	1.12E-06	3.76E-07	2.89E-07	4.12E-08	4.13E-08	4.12E-08	2.75E-08	1.20E-08	8.28E-07
128	561163.44	4192858.76	5.23E-07	3.69E-07	5.29E-08	5.31E-08	5.29E-08	3.92E-08	2.38E-08	1.11E-06	3.74E-07	2.88E-07	4.10E-08	4.11E-08	4.10E-08	2.74E-08	1.20E-08	8.24E-07
129	561153.79	4192860.13	5.19E-07	3.66E-07	5.25E-08	5.26E-08	5.25E-08	3.89E-08	2.36E-08	1.10E-06	3.71E-07	2.85E-07	4.07E-08	4.08E-08	4.07E-08	2.71E-08	1.19E-08	8.17E-07
130	561144.14	4192861.49	5.12E-07	3.61E-07	5.18E-08	5.19E-08	5.18E-08	3.84E-08	2.33E-08	1.09E-06	3.66E-07	2.81E-07	4.02E-08	4.03E-08	4.02E-08	2.68E-08	1.17E-08	8.07E-07
131	561134.48	4192862.86	5.04E-07	3.55E-07	5.09E-08	5.11E-08	5.09E-08	3.78E-08	2.29E-08	1.07E-06	3.60E-07	2.77E-07	3.95E-08	3.96E-08	3.95E-08	2.63E-08	1.15E-08	7.94E-07
132	561325.61	4192377.76	4.20E-07	2.96E-07	4.24E-08	4.25E-08	4.24E-08	3.14E-08	1.91E-08	8.93E-07	3.00E-07	2.30E-07	3.29E-08	3.30E-08	3.29E-08	2.19E-08	9.60E-09	6.61E-07
133	561328.03	4192368.66	4.04E-07	2.85E-07	4.08E-08	4.09E-08	4.08E-08	3.03E-08	1.84E-08	8.60E-07	2.89E-07	2.22E-07	3.17E-08	3.17E-08	3.17E-08	2.11E-08	9.24E-09	6.36E-07
134	561330.45	4192359.56	3.90E-07	2.75E-07	3.94E-08	3.95E-08	3.94E-08	2.92E-08	1.77E-08	8.30E-07	2.79E-07	2.14E-07	3.06E-08	3.07E-08	3.06E-08	2.04E-08	8.93E-09	6.14E-07
135	561335.28	4192380.33	3.75E-07	2.64E-07	3.79E-08	3.80E-08	3.79E-08	2.81E-08	1.70E-08	7.99E-07	2.68E-07	2.06E-07	2.94E-08	2.95E-08	2.94E-08	1.96E-08	8.58E-09	5.91E-07
136	561337.7	4192371.23	3.62E-07	2.55E-07	3.66E-08	3.67E-08	3.66E-08	2.71E-08	1.64E-08	7.71E-07	2.59E-07	1.99E-07	2.84E-08	2.84E-08	2.84E-08	1.89E-08	8.28E-09	5.70E-07
137	561340.12	4192362.14	3.50E-07	2.47E-07	3.53E-08	3.54E-08	3.53E-08	2.62E-08	1.59E-08	7.45E-07	2.50E-07	1.92E-07	2.74E-08	2.75E-08	2.74E-08	1.83E-08	8.00E-09	5.51E-07
138	561344.94	4192382.9	3.37E-07	2.38E-07	3.41E-08	3.42E-08	3.41E-08	2.53E-08	1.53E-08	7.18E-07	2.41E-07	1.85E-07	2.64E-08	2.65E-08	2.64E-08	1.76E-08	7.71E-09	5.31E-07
139	561347.36	4192373.81	3.26E-07	2.30E-07	3.30E-08	3.30E-08	3.30E-08	2.44E-08	1.48E-08	6.94E-07	2.33E-07	1.79E-07	2.56E-08	2.56E-08	2.56E-08	1.70E-08	7.46E-09	5.14E-07
140	561349.78	4192364.71	3.16E-07	2.22E-07	3.19E-08	3.20E-08	3.19E-08	2.37E-08	1.43E-08	6.72E-07	2.26E-07	1.73E-07	2.47E-08	2.48E-08	2.47E-08	1.65E-08	7.22E-09	4.97E-07
141	561354.6	4192385.48	3.04E-07	2.15E-07	3.08E-08	3.09E-08	3.08E-08	2.28E-08	1.38E-08	6.48E-07	2.18E-07	1.67E-07	2.39E-08	2.39E-08	2.39E-08	1.59E-08	6.97E-09	4.80E-07
142	561357.02	4192376.38	2.95E-07	2.08E-07	2.98E-08	2.99E-08	2.98E-08	2.21E-08	1.34E-08	6.28E-07	2.11E-07	1.62E-07	2.31E-08	2.32E-08	2.31E-08	1.54E-08	6.75E-09	4.65E-07
143	561359.45	4192367.28	2.86E-07	2.02E-07	2.89E-08	2.90E-08	2.89E-08	2.14E-08	1.30E-08	6.09E-07	2.05E-07	1.57E-07	2.24E-08	2.25E-08	2.24E-08	1.50E-08	6.55E-09	4.51E-07
144	561361.87	4192358.18	2.78E-07	1.96E-07	2.81E-08	2.82E-08	2.81E-08	2.08E-08	1.26E-08	5.92E-07	1.99E-07	1.53E-07	2.18E-08	2.18E-08	2.18E-08	1.45E-08	6.36E-09	4.38E-07
145	561359.43	4192406.24	2.92E-07	2.06E-07	2.95E-08	2.96E-08	2.95E-08	2.19E-08	1.33E-08	6.22E-07	2.09E-07	1.61E-07	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.69E-09	4.60E-07
146	561361.85	4192397.14	2.84E-07	2.00E-07	2.87E-08	2.87E-08	2.87E-08	2.13E-08	1.29E-08	6.04E-07	2.03E-07	1.56E-07	2.22E-08	2.23E-08	2.22E-08	1.48E-08	6.49E-09	4.47E-07
147	561364.27	4192388.05	2.75E-07	1.94E-07	2.78E-08	2.79E-08	2.78E-08	2.06E-08	1.25E-08	5.86E-07	1.97E-07	1.51E-07	2.16E-08	2.16E-08	2.16E-08	1.44E-08	6.30E-09	4.34E-07
148	561366.69	4192378.95	2.68E-07	1.89E-07	2.70E-08	2.71E-08	2.70E-08	2.01E-08	1.22E-08	5.70E-07	1.91E-07	1.47E-07	2.10E-08	2.10E-08	2.10E-08	1.40E-08	6.12E-09	4.21E-07
149	561369.11	4192369.85	2.60E-07	1.84E-07	2.63E-08	2.64E-08	2.63E-08	1.95E-08	1.18E-08	5.54E-07	1.86E-07	1.43E-07	2.04E-08	2.05E-08	2.04E-08	1.36E-08	5.96E-09	4.10E-07
150	561371.53	4192360.75	2.54E-07	1.79E-07	2.56E-08	2.57E-08	2.56E-08	1.90E-08	1.15E-08	5.40E-07	1.81E-07	1.39E-07	1.99E-08	1.99E-08	1.99E-08	1.33E-08	5.80E-09	3.99E-07
151	561373.95	4192351.65	2.47E-07	1.74E-07	2.50E-08	2.51E-08	2.50E-08	1.85E-08	1.12E-08	5.26E-07	1.77E-07	1.36E-07	1.94E-08	1.94E-08	1.94E-08	1.29E-08	5.66E-09	3.89E-07
152	561376.37	4192342.55	2.42E-07	1.70E-07	2.44E-08	2.45E-08	2.44E-08	1.81E-08	1.10E-08	5.15E-07	1.73E-07	1.33E-07	1.89					

156	561369.09	4192408.81	2.64E-07	1.86E-07	2.67E-08	2.68E-08	2.67E-08	1.98E-08	1.20E-08	5.63E-07	1.89E-07	1.45E-07	2.07E-08	2.08E-08	2.07E-08	1.38E-08	6.05E-09	4.16E-07
157	561371.51	4192399.72	2.57E-07	1.81E-07	2.60E-08	2.60E-08	2.60E-08	1.92E-08	1.17E-08	5.47E-07	1.84E-07	1.41E-07	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.88E-09	4.04E-07
158	561373.93	4192390.62	2.50E-07	1.76E-07	2.53E-08	2.53E-08	2.53E-08	1.87E-08	1.14E-08	5.32E-07	1.79E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.31E-08	5.72E-09	3.93E-07
159	561376.35	4192381.52	2.44E-07	1.72E-07	2.46E-08	2.47E-08	2.46E-08	1.83E-08	1.11E-08	5.18E-07	1.74E-07	1.34E-07	1.91E-08	1.91E-08	1.91E-08	1.27E-08	5.57E-09	3.84E-07
160	561378.77	4192372.42	2.38E-07	1.68E-07	2.40E-08	2.41E-08	2.40E-08	1.78E-08	1.08E-08	5.06E-07	1.70E-07	1.31E-07	1.86E-08	1.87E-08	1.86E-08	1.24E-08	5.44E-09	3.74E-07
161	561381.19	4192363.32	2.32E-07	1.64E-07	2.35E-08	2.35E-08	2.35E-08	1.74E-08	1.06E-08	4.94E-07	1.66E-07	1.28E-07	1.82E-08	1.83E-08	1.82E-08	1.21E-08	5.31E-09	3.66E-07
162	561383.61	4192354.22	2.27E-07	1.60E-07	2.29E-08	2.30E-08	2.29E-08	1.70E-08	1.03E-08	4.83E-07	1.62E-07	1.25E-07	1.78E-08	1.78E-08	1.78E-08	1.19E-08	5.19E-09	3.57E-07
163	561386.04	4192345.13	2.22E-07	1.57E-07	2.25E-08	2.25E-08	2.25E-08	1.67E-08	1.01E-08	4.73E-07	1.59E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.16E-08	5.08E-09	3.50E-07
164	561388.46	4192336.03	2.18E-07	1.54E-07	2.21E-08	2.21E-08	2.21E-08	1.64E-08	9.91E-09	4.64E-07	1.56E-07	1.20E-07	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.99E-09	3.44E-07
165	561390.88	4192326.93	2.15E-07	1.51E-07	2.17E-08	2.18E-08	2.17E-08	1.61E-08	9.76E-09	4.57E-07	1.54E-07	1.18E-07	1.68E-08	1.69E-08	1.68E-08	1.12E-08	4.91E-09	3.38E-07
166	561393.3	4192317.83	2.12E-07	1.49E-07	2.14E-08	2.15E-08	2.14E-08	1.59E-08	9.62E-09	4.51E-07	1.51E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.11E-08	4.84E-09	3.33E-07
167	561378.75	4192411.39	2.40E-07	1.69E-07	2.42E-08	2.43E-08	2.42E-08	1.80E-08	1.09E-08	5.11E-07	1.71E-07	1.32E-07	1.88E-08	1.88E-08	1.88E-08	1.25E-08	5.49E-09	3.78E-07
168	561381.17	4192402.29	2.33E-07	1.65E-07	2.36E-08	2.37E-08	2.36E-08	1.75E-08	1.06E-08	4.97E-07	1.67E-07	1.28E-07	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.34E-09	3.68E-07
169	561383.6	4192393.19	2.27E-07	1.60E-07	2.30E-08	2.30E-08	2.30E-08	1.70E-08	1.03E-08	4.84E-07	1.63E-07	1.25E-07	1.78E-08	1.79E-08	1.78E-08	1.19E-08	5.20E-09	3.58E-07
170	561386.02	4192384.09	2.22E-07	1.57E-07	2.25E-08	2.25E-08	2.25E-08	1.67E-08	1.01E-08	4.73E-07	1.59E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.16E-08	5.09E-09	3.50E-07
171	561388.44	4192374.99	2.18E-07	1.53E-07	2.20E-08	2.21E-08	2.20E-08	1.63E-08	9.89E-09	4.63E-07	1.56E-07	1.20E-07	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.98E-09	3.43E-07
172	561390.86	4192365.89	2.13E-07	1.50E-07	2.16E-08	2.16E-08	2.16E-08	1.60E-08	9.69E-09	4.54E-07	1.53E-07	1.17E-07	1.67E-08	1.68E-08	1.67E-08	1.11E-08	4.88E-09	3.36E-07
173	561393.28	4192356.79	2.09E-07	1.47E-07	2.11E-08	2.12E-08	2.11E-08	1.57E-08	9.49E-09	4.45E-07	1.49E-07	1.15E-07	1.64E-08	1.64E-08	1.64E-08	1.09E-08	4.78E-09	3.29E-07
174	561395.7	4192347.7	2.05E-07	1.44E-07	2.07E-08	2.08E-08	2.07E-08	1.54E-08	9.31E-09	4.36E-07	1.47E-07	1.13E-07	1.61E-08	1.61E-08	1.61E-08	1.07E-08	4.69E-09	3.23E-07
175	561398.12	4192338.6	2.02E-07	1.42E-07	2.04E-08	2.04E-08	2.04E-08	1.51E-08	9.16E-09	4.29E-07	1.44E-07	1.11E-07	1.58E-08	1.58E-08	1.58E-08	1.05E-08	4.61E-09	3.17E-07
176	561400.54	4192329.5	1.99E-07	1.40E-07	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.02E-09	4.23E-07	1.42E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.54E-09	3.13E-07
177	561402.96	4192320.4	1.96E-07	1.38E-07	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.91E-09	4.17E-07	1.40E-07	1.08E-07	1.54E-08	1.54E-08	1.54E-08	1.02E-08	4.49E-09	3.09E-07
178	561407.75	4192419.1	1.84E-07	1.30E-07	1.86E-08	1.87E-08	1.86E-08	1.38E-08	8.37E-09	3.92E-07	1.32E-07	1.01E-07	1.44E-08	1.45E-08	1.44E-08	9.62E-09	4.21E-09	2.90E-07
179	561410.17	4192410	1.80E-07	1.27E-07	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.19E-09	3.83E-07	1.29E-07	9.89E-08	1.41E-08	1.42E-08	1.41E-08	9.41E-09	4.12E-09	2.84E-07
180	561412.59	4192400.9	1.76E-07	1.24E-07	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.01E-09	3.75E-07	1.26E-07	9.68E-08	1.38E-08	1.39E-08	1.38E-08	9.21E-09	4.03E-09	2.78E-07
181	561415.01	4192391.8	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.86E-09	3.68E-07	1.24E-07	9.50E-08	1.36E-08	1.36E-08	1.36E-08	9.04E-09	3.96E-09	2.72E-07
182	561417.43	4192382.71	1.70E-07	1.20E-07	1.72E-08	1.72E-08	1.72E-08	1.27E-08	7.73E-09	3.62E-07	1.22E-07	9.34E-08	1.33E-08	1.34E-08	1.33E-08	8.89E-09	3.89E-09	2.68E-07
183	561419.85	4192373.61	1.67E-07	1.18E-07	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.61E-09	3.56E-07	1.20E-07	9.20E-08	1.31E-08	1.32E-08	1.31E-08	8.75E-09	3.83E-09	2.64E-07
184	561422.27	4192364.51	1.65E-07	1.16E-07	1.67E-08	1.67E-08	1.67E-08	1.24E-08	7.50E-09	3.51E-07	1.18E-07	9.06E-08	1.29E-08	1.30E-08	1.29E-08	8.62E-09	3.77E-09	2.60E-07
185	561424.69	4192355.41	1.63E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.39E-09	3.46E-07	1.16E-07	8.93E-08	1.27E-08	1.28E-08	1.27E-08	8.49E-09	3.72E-09	2.56E-07
186	561427.11	4192346.31	1.60E-07	1.13E-07	1.62E-08	1.63E-08	1.62E-08	1.20E-08	7.29E-09	3.42E-07	1.15E-07	8.81E-08	1.26E-08	1.26E-08	1.26E-08	8.38E-09	3.67E-09	2.53E-07
187	561429.53	4192337.21	1.59E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	3.38E-07	1.13E-07	8.72E-08	1.24E-08	1.25E-08	1.24E-08	8.29E-09	3.63E-09	2.50E-07
188	561431.95	4192328.11	1.57E-07	1.11E-07	1.59E-08	1.60E-08	1.59E-08	1.18E-08	7.15E-09	3.35E-07	1.13E-07	8.64E-08	1.23E-08	1.24E-08	1.23E-08	8.22E-09	3.60E-09	2.48E-07
189	561417.41	4192421.67	1.69E-07	1.19E-07	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.70E-09	3.61E-07	1.21E-07	9.31E-08	1.33E-08	1.33E-08	1.33E-08	8.86E-09	3.88E-09	2.67E-07
190	561419.83	4192412.57	1.66E-07	1.17E-07	1.68E-08	1.68E-08	1.68E-08	1.24E-08	7.54E-09	3.53E-07	1.19E-07	9.12E-08	1.30E-08	1.30E-08	1.30E-08	8.67E-09	3.80E-09	2.61E-07
191	561422.25	4192403.47	1.63E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.40E-09	3.46E-07	1.16E-07	8.94E-08	1.28E-08	1.28E-08	1.28E-08	8.50E-09	3.72E-09	2.56E-07
192	561424.67	4192394.37	1.60E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.26E-09	3.40E-07	1.14E-07	8.78E-08	1.25E-08	1.26E-08	1.25E-08	8.35E-09	3.66E-09	2.52E-07
193	561427.09	4192385.28	1.57E-07	1.11E-07	1.59E-08	1.59E-08	1.59E-08	1.18E-08	7.15E-09	3.35E-07	1.12E-07	8.64E-08	1.23E-08	1.24E-08	1.23E-08	8.22E-09	3.60E-09	2.48E-07
194	561429.51	4192376.18	1.55E-07	1.09E-07	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	3.30E-07	1.11E-07	8.51E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	2.44E-07
195	561431.93	4192367.08	1.53E-07	1.08E-07	1.54E-08	1.55E-08	1.54E-08	1.15E-08	6.95E-09	3.25E-07	1.09E-07	8.40E-08	1.20E-08	1.20E-08	1.20E-08	7.99E-09	3.50E-09	2.41E-07
196	561434.35	4192357.98	1.51E-07	1.06E-07	1.52E-08	1.53E-08	1.52E-08	1.13E-08	6.85E-09	3.21E-07	1.08E-07	8.29E-08	1.18E-08	1.19E-08	1.18E-08	7.88E-09	3.45E-09	2.38E-07
197	561436.78	4192348.88	1.49E-07	1.05E-07	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.78E-09	3.17E-07	1.07E-07	8.19E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	2.35E-07
198	561439.2	4192339.78	1.48E-07	1.04E-07	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.71E-09	3.14E-07	1.06E-07	8.11E-08	1.16E-08	1.16E-08	1.16E-08	7.72E-09	3.38E-09	2.33E-07
199	561441.62	4192330.69	1.47E-07	1.03E-07	1.48E-08	1.49E-08	1.48E-08	1.10E-08	6.66E-09	3.12E-07	1.05E-07	8.06E-08	1.15E-08	1.15E-08	1.15E-08	7.66E-09	3.36E-09	2.31E-07
200	561429.49	4192415.14	1.53E-07	1.08E-07	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	3.26E-07	1.09E-07	8.41E-08	1.20E-08	1.20E-08	1.20E-08	8.00E-09	3.50E-09	2.41E-07
201	561431.91	4192406.04	1.50E-07	1.06E-07	1.52E-08	1.53E-08	1.52E-08	1.13E-08	6.84E-09	3.20E-07	1.08E-07	8.27E-08	1.18E-08	1.18E-08	1.18E-08	7.86E-09	3.44E-09	2.37E-07
202	561434.34	4192396.95	1.48E-07	1.04E-07	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.73E-09	3.15E-07	1.06E-07	8.14E-08	1.16E-08	1.16E-08	1.16E-08	7.74E-09	3.39E-09	2.33E-07
203	561436.76	4192387.85	1.46E-07	1.03E-07	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.63E-09	3.11E-07	1.04E-07	8.01E-08	1.14E-08	1.15E-08	1.14E-08	7.62E-09	3.34E-09	2.30E-07
204	561439.18	4192378.75	1.44E-07	1.01E-07	1.45E-08	1.46E-08	1.45E-08	1.08E-08	6.53E-09	3.06E-07	1.03E-07	7.90E-08	1.13E-08	1.13E-08	1.13E-08	7.51E-09	3.29E-09	2.26E-07
205	561441.6	4192369.65	1.42E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.45E-09	3.02E-07	1.02E-07	7.80E-08	1					

209	561451.28	4192333.26	1.37E-07	9.67E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.23E-09	2.92E-07	9.81E-08	7.53E-08	1.07E-08	1.08E-08	1.07E-08	7.17E-09	3.14E-09	2.16E-07
210	561439.16	4192417.71	1.41E-07	9.97E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.43E-09	3.01E-07	1.01E-07	7.77E-08	1.11E-08	1.11E-08	1.11E-08	7.39E-09	3.24E-09	2.23E-07
211	561441.58	4192408.62	1.39E-07	9.82E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.33E-09	2.97E-07	9.97E-08	7.65E-08	1.09E-08	1.10E-08	1.09E-08	7.28E-09	3.19E-09	2.19E-07
212	561444	4192399.52	1.37E-07	9.69E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.25E-09	2.93E-07	9.83E-08	7.55E-08	1.08E-08	1.08E-08	1.08E-08	7.18E-09	3.15E-09	2.17E-07
213	561446.42	4192390.42	1.36E-07	9.55E-08	1.37E-08	1.37E-08	1.37E-08	1.02E-08	6.16E-09	2.88E-07	9.69E-08	7.44E-08	1.06E-08	1.07E-08	1.06E-08	7.08E-09	3.10E-09	2.13E-07
214	561448.84	4192381.32	1.34E-07	9.42E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.07E-09	2.85E-07	9.56E-08	7.34E-08	1.05E-08	1.05E-08	1.05E-08	6.99E-09	3.06E-09	2.11E-07
215	561451.26	4192372.22	1.32E-07	9.31E-08	1.33E-08	1.34E-08	1.33E-08	9.90E-09	6.00E-09	2.81E-07	9.44E-08	7.25E-08	1.04E-08	1.04E-08	1.04E-08	6.90E-09	3.02E-09	2.08E-07
216	561453.68	4192363.12	1.31E-07	9.22E-08	1.32E-08	1.33E-08	1.32E-08	9.80E-09	5.94E-09	2.78E-07	9.35E-08	7.18E-08	1.02E-08	1.03E-08	1.02E-08	6.83E-09	2.99E-09	2.06E-07
217	561456.1	4192354.03	1.30E-07	9.15E-08	1.31E-08	1.32E-08	1.31E-08	9.73E-09	5.90E-09	2.76E-07	9.28E-08	7.13E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
218	561458.52	4192344.93	1.29E-07	9.10E-08	1.30E-08	1.31E-08	1.30E-08	9.67E-09	5.86E-09	2.75E-07	9.23E-08	7.09E-08	1.01E-08	1.01E-08	1.01E-08	6.74E-09	2.95E-09	2.03E-07
219	561460.94	4192335.83	1.29E-07	9.06E-08	1.30E-08	1.30E-08	1.30E-08	9.63E-09	5.84E-09	2.74E-07	9.19E-08	7.06E-08	1.01E-08	1.01E-08	1.01E-08	6.71E-09	2.94E-09	2.02E-07
220	561448.82	4192420.29	1.31E-07	9.24E-08	1.32E-08	1.33E-08	1.32E-08	9.83E-09	5.96E-09	2.79E-07	9.37E-08	7.20E-08	1.03E-08	1.03E-08	1.03E-08	6.85E-09	3.00E-09	2.06E-07
221	561451.24	4192411.19	1.29E-07	9.11E-08	1.31E-08	1.31E-08	1.31E-08	9.69E-09	5.87E-09	2.75E-07	9.24E-08	7.10E-08	1.01E-08	1.02E-08	1.01E-08	6.75E-09	2.96E-09	2.04E-07
222	561453.66	4192402.09	1.28E-07	8.99E-08	1.29E-08	1.29E-08	1.29E-08	9.56E-09	5.80E-09	2.72E-07	9.12E-08	7.01E-08	1.00E-08	1.00E-08	1.00E-08	6.67E-09	2.92E-09	2.01E-07
223	561456.08	4192392.99	1.26E-07	8.88E-08	1.27E-08	1.28E-08	1.27E-08	9.44E-09	5.72E-09	2.68E-07	9.01E-08	6.92E-08	9.87E-09	9.90E-09	9.87E-09	6.58E-09	2.88E-09	1.98E-07
224	561458.5	4192383.89	1.24E-07	8.77E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.65E-09	2.65E-07	8.90E-08	6.83E-08	9.75E-09	9.78E-09	9.75E-09	6.50E-09	2.85E-09	1.96E-07
225	561460.92	4192374.79	1.23E-07	8.68E-08	1.24E-08	1.25E-08	1.24E-08	9.23E-09	5.59E-09	2.62E-07	8.80E-08	6.76E-08	9.65E-09	9.68E-09	9.65E-09	6.43E-09	2.82E-09	1.94E-07
226	561463.35	4192365.69	1.22E-07	8.60E-08	1.23E-08	1.24E-08	1.23E-08	9.15E-09	5.55E-09	2.60E-07	8.73E-08	6.70E-08	9.56E-09	9.59E-09	9.56E-09	6.38E-09	2.79E-09	1.92E-07
227	561465.77	4192356.6	1.21E-07	8.56E-08	1.23E-08	1.23E-08	1.23E-08	9.10E-09	5.51E-09	2.58E-07	8.68E-08	6.67E-08	9.51E-09	9.54E-09	9.51E-09	6.34E-09	2.78E-09	1.91E-07
228	561468.19	4192347.5	1.21E-07	8.52E-08	1.22E-08	1.23E-08	1.22E-08	9.06E-09	5.49E-09	2.57E-07	8.65E-08	6.64E-08	9.48E-09	9.50E-09	9.48E-09	6.32E-09	2.77E-09	1.90E-07
229	561470.61	4192338.4	1.21E-07	8.50E-08	1.22E-08	1.22E-08	1.22E-08	9.04E-09	5.48E-09	2.57E-07	8.62E-08	6.62E-08	9.45E-09	9.48E-09	9.45E-09	6.30E-09	2.76E-09	1.90E-07
230	561458.48	4192422.86	1.22E-07	8.59E-08	1.23E-08	1.23E-08	1.23E-08	9.13E-09	5.54E-09	2.59E-07	8.71E-08	6.69E-08	9.55E-09	9.57E-09	9.55E-09	6.37E-09	2.79E-09	1.92E-07
231	561460.91	4192413.76	1.20E-07	8.47E-08	1.21E-08	1.22E-08	1.21E-08	9.01E-09	5.46E-09	2.56E-07	8.59E-08	6.60E-08	9.42E-09	9.44E-09	9.42E-09	6.28E-09	2.75E-09	1.89E-07
232	561463.33	4192404.66	1.19E-07	8.36E-08	1.20E-08	1.20E-08	1.20E-08	8.89E-09	5.39E-09	2.53E-07	8.48E-08	6.52E-08	9.30E-09	9.32E-09	9.30E-09	6.20E-09	2.71E-09	1.87E-07
233	561465.75	4192395.56	1.17E-07	8.27E-08	1.19E-08	1.19E-08	1.19E-08	8.79E-09	5.33E-09	2.50E-07	8.39E-08	6.44E-08	9.19E-09	9.22E-09	9.19E-09	6.13E-09	2.68E-09	1.85E-07
234	561468.17	4192386.46	1.16E-07	8.18E-08	1.17E-08	1.18E-08	1.17E-08	8.70E-09	5.27E-09	2.47E-07	8.30E-08	6.37E-08	9.09E-09	9.12E-09	9.09E-09	6.06E-09	2.65E-09	1.83E-07
235	561470.59	4192377.36	1.15E-07	8.10E-08	1.16E-08	1.17E-08	1.16E-08	8.62E-09	5.22E-09	2.45E-07	8.22E-08	6.31E-08	9.01E-09	9.04E-09	9.01E-09	6.01E-09	2.63E-09	1.81E-07
236	561473.01	4192368.27	1.14E-07	8.04E-08	1.15E-08	1.16E-08	1.15E-08	8.55E-09	5.18E-09	2.43E-07	8.16E-08	6.27E-08	8.94E-09	8.97E-09	8.94E-09	5.96E-09	2.61E-09	1.80E-07
237	561475.43	4192359.17	1.14E-07	8.01E-08	1.15E-08	1.15E-08	1.15E-08	8.52E-09	5.17E-09	2.42E-07	8.13E-08	6.24E-08	8.91E-09	8.93E-09	8.91E-09	5.94E-09	2.60E-09	1.79E-07
238	561477.85	4192350.07	1.13E-07	7.99E-08	1.15E-08	1.15E-08	1.15E-08	8.50E-09	5.15E-09	2.41E-07	8.11E-08	6.23E-08	8.89E-09	8.91E-09	8.89E-09	5.93E-09	2.59E-09	1.79E-07
239	561480.27	4192340.97	1.13E-07	7.98E-08	1.14E-08	1.15E-08	1.14E-08	8.48E-09	5.14E-09	2.41E-07	8.09E-08	6.22E-08	8.87E-09	8.89E-09	8.87E-09	5.91E-09	2.59E-09	1.78E-07
240	561468.15	4192425.43	1.13E-07	8.00E-08	1.15E-08	1.15E-08	1.15E-08	8.51E-09	5.16E-09	2.42E-07	8.11E-08	6.23E-08	8.89E-09	8.92E-09	8.89E-09	5.93E-09	2.60E-09	1.79E-07
241	561470.57	4192416.33	1.12E-07	7.89E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.09E-09	2.38E-07	8.01E-08	6.15E-08	8.77E-09	8.80E-09	8.77E-09	5.85E-09	2.56E-09	1.76E-07
242	561472.99	4192407.23	1.11E-07	7.80E-08	1.12E-08	1.12E-08	1.12E-08	8.29E-09	5.03E-09	2.35E-07	7.91E-08	6.07E-08	8.67E-09	8.69E-09	8.67E-09	5.78E-09	2.53E-09	1.74E-07
243	561475.41	4192398.13	1.09E-07	7.72E-08	1.11E-08	1.11E-08	1.11E-08	8.20E-09	4.97E-09	2.33E-07	7.83E-08	6.01E-08	8.58E-09	8.60E-09	8.58E-09	5.72E-09	2.50E-09	1.72E-07
244	561477.83	4192389.03	1.08E-07	7.65E-08	1.10E-08	1.10E-08	1.10E-08	8.13E-09	4.93E-09	2.31E-07	7.76E-08	5.96E-08	8.50E-09	8.53E-09	8.50E-09	5.67E-09	2.48E-09	1.71E-07
245	561480.25	4192379.94	1.08E-07	7.59E-08	1.09E-08	1.09E-08	1.09E-08	8.07E-09	4.89E-09	2.29E-07	7.70E-08	5.92E-08	8.44E-09	8.47E-09	8.44E-09	5.63E-09	2.46E-09	1.70E-07
246	561482.67	4192370.84	1.07E-07	7.55E-08	1.08E-08	1.09E-08	1.08E-08	8.03E-09	4.87E-09	2.28E-07	7.66E-08	5.88E-08	8.39E-09	8.42E-09	8.39E-09	5.60E-09	2.45E-09	1.69E-07
247	561485.09	4192361.74	1.07E-07	7.52E-08	1.08E-08	1.08E-08	1.08E-08	8.00E-09	4.85E-09	2.27E-07	7.63E-08	5.86E-08	8.36E-09	8.39E-09	8.36E-09	5.58E-09	2.44E-09	1.68E-07
248	561487.51	4192352.64	1.07E-07	7.51E-08	1.08E-08	1.08E-08	1.08E-08	7.98E-09	4.84E-09	2.27E-07	7.62E-08	5.85E-08	8.35E-09	8.37E-09	8.35E-09	5.57E-09	2.44E-09	1.68E-07
249	561489.94	4192343.54	1.06E-07	7.50E-08	1.07E-08	1.08E-08	1.07E-08	7.97E-09	4.83E-09	2.26E-07	7.60E-08	5.84E-08	8.33E-09	8.36E-09	8.33E-09	5.56E-09	2.43E-09	1.67E-07
250	561477.81	4192428	1.06E-07	7.47E-08	1.07E-08	1.07E-08	1.07E-08	7.94E-09	4.81E-09	2.25E-07	7.57E-08	5.82E-08	8.30E-09	8.32E-09	8.30E-09	5.53E-09	2.42E-09	1.67E-07
251	561480.23	4192418.9	1.05E-07	7.37E-08	1.06E-08	1.06E-08	1.06E-08	7.84E-09	4.75E-09	2.23E-07	7.48E-08	5.75E-08	8.20E-09	8.22E-09	8.20E-09	5.47E-09	2.39E-09	1.65E-07
252	561482.65	4192409.8	1.03E-07	7.29E-08	1.05E-08	1.05E-08	1.05E-08	7.76E-09	4.70E-09	2.20E-07	7.40E-08	5.68E-08	8.11E-09	8.13E-09	8.11E-09	5.41E-09	2.37E-09	1.63E-07
253	561485.07	4192400.7	1.03E-07	7.23E-08	1.04E-08	1.04E-08	1.04E-08	7.69E-09	4.66E-09	2.18E-07	7.33E-08	5.63E-08	8.04E-09	8.06E-09	8.04E-09	5.36E-09	2.35E-09	1.61E-07
254	561487.5	4192391.61	1.02E-07	7.17E-08	1.03E-08	1.03E-08	1.03E-08	7.63E-09	4.62E-09	2.17E-07	7.28E-08	5.59E-08	7.97E-09	8.00E-09	7.97E-09	5.32E-09	2.33E-09	1.60E-07
255	561489.92	4192382.51	1.01E-07	7.13E-08	1.02E-08	1.03E-08	1.02E-08	7.58E-09	4.60E-09	2.15E-07	7.23E-08	5.56E-08	7.93E-09	7.95E-09	7.93E-09	5.29E-09	2.31E-09	1.59E-07
256	561492.34	4192373.41	1.01E-07	7.10E-08	1.02E-08	1.02E-08	1.02E-08	7.55E-09	4.58E-09	2.14E-07	7.20E-08	5.53E-08	7.89E-09	7.91E-09	7.89E-09	5.26E-09	2.30E-09	1.59E-07
257	561494.76	4192364.31	1.00E-07	7.08E-08	1.01E-08	1.02E-08	1.01E-08	7.52E-09	4.56E-09	2.14E-07	7.18E-08	5.51E-08	7.87E-09	7.89E-09	7.87E-09	5.25E-09	2.30E-09	1.58E-07
258	561497.18	4192355.21	1.00E-07	7.06E-08	1.01E-08	1.02E-08	1.01E-08	7.51E-09	4.55E-09	2.13E-07	7.17E-08	5.50E-08	7					

262	561492.32	4192412.37	9.70E-08	6.83E-08	9.80E-09	9.83E-09	9.80E-09	7.27E-09	4.41E-09	2.06E-07	6.93E-08	5.33E-08	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	1.53E-07
263	561494.74	4192403.27	9.62E-08	6.78E-08	9.72E-09	9.75E-09	9.72E-09	7.21E-09	4.37E-09	2.05E-07	6.88E-08	5.28E-08	7.54E-09	7.56E-09	7.54E-09	5.03E-09	2.20E-09	1.51E-07
264	561497.16	4192394.18	9.56E-08	6.74E-08	9.66E-09	9.69E-09	9.66E-09	7.16E-09	4.34E-09	2.03E-07	6.83E-08	5.25E-08	7.49E-09	7.51E-09	7.49E-09	4.99E-09	2.19E-09	1.51E-07
265	561499.58	4192385.08	9.51E-08	6.70E-08	9.61E-09	9.64E-09	9.61E-09	7.13E-09	4.32E-09	2.02E-07	6.80E-08	5.22E-08	7.45E-09	7.47E-09	7.45E-09	4.97E-09	2.18E-09	1.50E-07
266	561502	4192375.98	9.48E-08	6.68E-08	9.58E-09	9.61E-09	9.58E-09	7.10E-09	4.31E-09	2.02E-07	6.78E-08	5.21E-08	7.43E-09	7.45E-09	7.43E-09	4.95E-09	2.17E-09	1.49E-07
267	561504.42	4192366.88	9.46E-08	6.67E-08	9.56E-09	9.58E-09	9.56E-09	7.09E-09	4.30E-09	2.01E-07	6.76E-08	5.19E-08	7.41E-09	7.43E-09	7.41E-09	4.94E-09	2.16E-09	1.49E-07
268	561506.84	4192357.78	9.45E-08	6.66E-08	9.55E-09	9.57E-09	9.55E-09	7.08E-09	4.29E-09	2.01E-07	6.76E-08	5.19E-08	7.40E-09	7.42E-09	7.40E-09	4.94E-09	2.16E-09	1.49E-07
269	561509.26	4192348.68	9.44E-08	6.66E-08	9.54E-09	9.57E-09	9.54E-09	7.08E-09	4.29E-09	2.01E-07	6.75E-08	5.19E-08	7.40E-09	7.42E-09	7.40E-09	4.93E-09	2.16E-09	1.49E-07
270	561401.78	4192218.01	1.98E-07	1.40E-07	2.00E-08	2.01E-08	2.00E-08	1.48E-08	8.99E-09	4.21E-07	1.42E-07	1.09E-07	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	3.12E-07
271	561403.11	4192227.59	1.99E-07	1.40E-07	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.02E-09	4.23E-07	1.42E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.54E-09	3.13E-07
272	561410.29	4192212.23	1.84E-07	1.30E-07	1.86E-08	1.87E-08	1.86E-08	1.38E-08	8.38E-09	3.93E-07	1.32E-07	1.01E-07	1.45E-08	1.45E-08	1.45E-08	9.64E-09	4.22E-09	2.90E-07
273	561411.6	4192221.7	1.85E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.42E-09	3.95E-07	1.33E-07	1.02E-07	1.45E-08	1.46E-08	1.45E-08	9.68E-09	4.24E-09	2.92E-07
274	561412.91	4192231.18	1.86E-07	1.31E-07	1.88E-08	1.88E-08	1.88E-08	1.39E-08	8.44E-09	3.95E-07	1.33E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	9.70E-09	4.25E-09	2.92E-07
275	561417.52	4192197.16	1.71E-07	1.21E-07	1.73E-08	1.73E-08	1.73E-08	1.28E-08	7.77E-09	3.64E-07	1.22E-07	9.40E-08	1.34E-08	1.34E-08	1.34E-08	8.94E-09	3.91E-09	2.69E-07
276	561418.81	4192206.53	1.73E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.29E-08	7.84E-09	3.67E-07	1.23E-07	9.48E-08	1.35E-08	1.36E-08	1.35E-08	9.02E-09	3.95E-09	2.72E-07
277	561420.11	4192215.9	1.74E-07	1.22E-07	1.75E-08	1.76E-08	1.75E-08	1.30E-08	7.89E-09	3.70E-07	1.24E-07	9.53E-08	1.36E-08	1.36E-08	1.36E-08	9.07E-09	3.97E-09	2.73E-07
278	561421.41	4192225.28	1.74E-07	1.23E-07	1.76E-08	1.77E-08	1.76E-08	1.31E-08	7.92E-09	3.71E-07	1.25E-07	9.57E-08	1.37E-08	1.37E-08	1.37E-08	9.10E-09	3.99E-09	2.74E-07
279	561422.7	4192234.65	1.74E-07	1.23E-07	1.76E-08	1.77E-08	1.76E-08	1.31E-08	7.92E-09	3.71E-07	1.25E-07	9.57E-08	1.37E-08	1.37E-08	1.37E-08	9.11E-09	3.99E-09	2.75E-07
280	561424.77	4192182.33	1.59E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	3.38E-07	1.14E-07	8.72E-08	1.24E-08	1.25E-08	1.24E-08	8.30E-09	3.63E-09	2.50E-07
281	561426.06	4192191.61	1.60E-07	1.13E-07	1.62E-08	1.63E-08	1.62E-08	1.20E-08	7.29E-09	3.42E-07	1.15E-07	8.81E-08	1.26E-08	1.26E-08	1.26E-08	8.38E-09	3.67E-09	2.53E-07
282	561427.34	4192200.89	1.62E-07	1.14E-07	1.64E-08	1.64E-08	1.64E-08	1.21E-08	7.36E-09	3.45E-07	1.16E-07	8.89E-08	1.27E-08	1.27E-08	1.27E-08	8.46E-09	3.70E-09	2.55E-07
283	561428.62	4192210.18	1.63E-07	1.15E-07	1.65E-08	1.65E-08	1.65E-08	1.22E-08	7.41E-09	3.47E-07	1.17E-07	8.95E-08	1.28E-08	1.28E-08	1.28E-08	8.52E-09	3.73E-09	2.57E-07
284	561429.91	4192219.46	1.64E-07	1.15E-07	1.65E-08	1.66E-08	1.65E-08	1.23E-08	7.44E-09	3.49E-07	1.17E-07	8.99E-08	1.28E-08	1.29E-08	1.28E-08	8.56E-09	3.75E-09	2.58E-07
285	561431.19	4192228.75	1.64E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.45E-09	3.49E-07	1.17E-07	9.01E-08	1.29E-08	1.29E-08	1.29E-08	8.57E-09	3.75E-09	2.58E-07
286	561432.48	4192238.03	1.64E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.45E-09	3.49E-07	1.17E-07	9.00E-08	1.28E-08	1.29E-08	1.28E-08	8.57E-09	3.75E-09	2.58E-07
287	561434.94	4192188.53	1.51E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.87E-09	3.22E-07	1.08E-07	8.30E-08	1.18E-08	1.19E-08	1.18E-08	7.90E-09	3.46E-09	2.38E-07
288	561436.28	4192198.22	1.53E-07	1.08E-07	1.54E-08	1.55E-08	1.54E-08	1.14E-08	6.93E-09	3.25E-07	1.09E-07	8.38E-08	1.20E-08	1.20E-08	1.20E-08	7.97E-09	3.49E-09	2.40E-07
289	561437.62	4192207.91	1.54E-07	1.08E-07	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.98E-09	3.27E-07	1.10E-07	8.44E-08	1.20E-08	1.21E-08	1.20E-08	8.03E-09	3.51E-09	2.42E-07
290	561438.96	4192217.59	1.54E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	3.29E-07	1.10E-07	8.48E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	2.43E-07
291	561445.66	4192266.03	1.51E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.88E-09	3.22E-07	1.08E-07	8.31E-08	1.19E-08	1.19E-08	1.19E-08	7.91E-09	3.46E-09	2.38E-07
292	561429.07	4192129.23	1.38E-07	9.71E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.26E-09	2.93E-07	9.85E-08	7.57E-08	1.08E-08	1.08E-08	1.08E-08	7.20E-09	3.15E-09	2.17E-07
293	561438.17	4192144.58	1.35E-07	9.54E-08	1.37E-08	1.37E-08	1.37E-08	1.01E-08	6.15E-09	2.88E-07	9.68E-08	7.43E-08	1.06E-08	1.06E-08	1.06E-08	7.07E-09	3.10E-09	2.13E-07
294	561439.49	4192154.17	1.37E-07	9.67E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.23E-09	2.92E-07	9.81E-08	7.53E-08	1.08E-08	1.08E-08	1.08E-08	7.17E-09	3.14E-09	2.16E-07
295	561440.82	4192163.75	1.39E-07	9.79E-08	1.40E-08	1.41E-08	1.40E-08	1.04E-08	6.31E-09	2.96E-07	9.94E-08	7.63E-08	1.09E-08	1.09E-08	1.09E-08	7.26E-09	3.18E-09	2.19E-07
296	561444.8	4192192.51	1.44E-07	1.01E-07	1.45E-08	1.46E-08	1.45E-08	1.08E-08	6.52E-09	3.06E-07	1.03E-07	7.89E-08	1.13E-08	1.13E-08	1.13E-08	7.50E-09	3.29E-09	2.26E-07
297	561452.75	4192250.04	1.45E-07	1.02E-07	1.46E-08	1.47E-08	1.46E-08	1.08E-08	6.58E-09	3.08E-07	1.03E-07	7.95E-08	1.13E-08	1.14E-08	1.13E-08	7.56E-09	3.31E-09	2.28E-07
298	561454.08	4192259.62	1.44E-07	1.01E-07	1.45E-08	1.45E-08	1.45E-08	1.08E-08	6.52E-09	3.06E-07	1.03E-07	7.88E-08	1.12E-08	1.13E-08	1.12E-08	7.50E-09	3.28E-09	2.26E-07
299	561455.41	4192269.21	1.42E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.45E-09	3.02E-07	1.02E-07	7.80E-08	1.11E-08	1.12E-08	1.11E-08	7.42E-09	3.25E-09	2.24E-07
300	561459.39	4192297.97	1.36E-07	9.56E-08	1.37E-08	1.37E-08	1.37E-08	1.02E-08	6.16E-09	2.89E-07	9.70E-08	7.45E-08	1.06E-08	1.07E-08	1.06E-08	7.09E-09	3.10E-09	2.14E-07
301	561460.71	4192307.56	1.33E-07	9.39E-08	1.35E-08	1.35E-08	1.35E-08	9.99E-09	6.05E-09	2.84E-07	9.53E-08	7.32E-08	1.04E-08	1.05E-08	1.04E-08	6.96E-09	3.05E-09	2.10E-07
302	561430.05	4192118.47	1.34E-07	9.43E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.08E-09	2.85E-07	9.57E-08	7.35E-08	1.05E-08	1.05E-08	1.05E-08	6.99E-09	3.06E-09	2.11E-07
303	561437.74	4192124.18	1.30E-07	9.15E-08	1.31E-08	1.32E-08	1.31E-08	9.73E-09	5.90E-09	2.76E-07	9.28E-08	7.13E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
304	561446.76	4192139.39	1.28E-07	8.99E-08	1.29E-08	1.29E-08	1.29E-08	9.56E-09	5.80E-09	2.72E-07	9.12E-08	7.01E-08	1.00E-08	1.00E-08	1.00E-08	6.67E-09	2.92E-09	2.01E-07
305	561448.07	4192148.89	1.29E-07	9.10E-08	1.31E-08	1.31E-08	1.31E-08	9.68E-09	5.87E-09	2.75E-07	9.24E-08	7.09E-08	1.01E-08	1.02E-08	1.01E-08	6.75E-09	2.95E-09	2.03E-07
306	561449.38	4192158.38	1.31E-07	9.21E-08	1.32E-08	1.32E-08	1.32E-08	9.80E-09	5.94E-09	2.78E-07	9.35E-08	7.18E-08	1.02E-08	1.03E-08	1.02E-08	6.83E-09	2.99E-09	2.06E-07
307	561450.7	4192167.88	1.32E-07	9.32E-08	1.34E-08	1.34E-08	1.34E-08	9.91E-09	6.01E-09	2.82E-07	9.46E-08	7.26E-08	1.04E-08	1.04E-08	1.04E-08	6.91E-09	3.03E-09	2.08E-07
308	561462.52	4192253.34	1.36E-07	9.60E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.19E-09	2.90E-07	9.74E-08	7.48E-08	1.07E-08	1.07E-08	1.07E-08	7.12E-09	3.12E-09	2.14E-07
309	561463.83	4192262.83	1.35E-07	9.51E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.13E-09	2.87E-07	9.65E-08	7.41E-08	1.06E-08	1.06E-08	1.06E-08	7.05E-09	3.09E-09	2.12E-07
310	561465.15	4192272.33	1.33E-07	9.40E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.06E-09	2.84E-07	9.54E-08	7.32E-08	1.05E-08	1.05E-08	1.05E-08	6.97E-09	3.05E-09	2.10E-07
311	561466.46	4192281.82	1.32E-07	9.27E-08	1.33E-08	1.33E-08	1.33E-08	9.86E-09	5.98E-09	2.80E-07	9.41E-08	7.22E-08						

315	561431.15	4192107.81	1.30E-07	9.16E-08	1.31E-08	1.32E-08	1.31E-08	9.74E-09	5.91E-09	2.77E-07	9.30E-08	7.14E-08	1.02E-08	1.02E-08	1.02E-08	6.79E-09	2.97E-09	2.05E-07
316	561438.78	4192113.47	1.26E-07	8.89E-08	1.27E-08	1.28E-08	1.27E-08	9.45E-09	5.73E-09	2.68E-07	9.02E-08	6.93E-08	9.88E-09	9.91E-09	9.88E-09	6.59E-09	2.89E-09	1.99E-07
317	561446.41	4192119.14	1.22E-07	8.63E-08	1.24E-08	1.24E-08	1.24E-08	9.18E-09	5.56E-09	2.61E-07	8.76E-08	6.73E-08	9.60E-09	9.62E-09	9.60E-09	6.40E-09	2.80E-09	1.93E-07
318	561455.35	4192134.21	1.20E-07	8.49E-08	1.22E-08	1.22E-08	1.22E-08	9.03E-09	5.47E-09	2.56E-07	8.61E-08	6.61E-08	9.44E-09	9.46E-09	9.44E-09	6.29E-09	2.76E-09	1.90E-07
319	561456.65	4192143.62	1.22E-07	8.59E-08	1.23E-08	1.23E-08	1.23E-08	9.13E-09	5.53E-09	2.59E-07	8.71E-08	6.69E-08	9.55E-09	9.57E-09	9.55E-09	6.36E-09	2.79E-09	1.92E-07
320	561457.95	4192153.03	1.23E-07	8.68E-08	1.24E-08	1.25E-08	1.24E-08	9.23E-09	5.60E-09	2.62E-07	8.81E-08	6.76E-08	9.65E-09	9.68E-09	9.65E-09	6.43E-09	2.82E-09	1.94E-07
321	561464.46	4192200.1	1.30E-07	9.16E-08	1.31E-08	1.32E-08	1.31E-08	9.74E-09	5.90E-09	2.77E-07	9.29E-08	7.14E-08	1.02E-08	1.02E-08	1.02E-08	6.79E-09	2.97E-09	2.05E-07
322	561465.76	4192209.51	1.31E-07	9.20E-08	1.32E-08	1.32E-08	1.32E-08	9.79E-09	5.93E-09	2.78E-07	9.34E-08	7.17E-08	1.02E-08	1.03E-08	1.02E-08	6.82E-09	2.99E-09	2.06E-07
323	561467.07	4192218.92	1.31E-07	9.23E-08	1.32E-08	1.33E-08	1.32E-08	9.81E-09	5.95E-09	2.79E-07	9.36E-08	7.19E-08	1.03E-08	1.03E-08	1.03E-08	6.84E-09	2.99E-09	2.06E-07
324	561472.28	4192256.57	1.28E-07	9.04E-08	1.30E-08	1.30E-08	1.30E-08	9.62E-09	5.83E-09	2.73E-07	9.18E-08	7.05E-08	1.01E-08	1.01E-08	1.01E-08	6.70E-09	2.94E-09	2.02E-07
325	561473.58	4192265.98	1.27E-07	8.95E-08	1.28E-08	1.29E-08	1.28E-08	9.52E-09	5.77E-09	2.70E-07	9.08E-08	6.98E-08	9.96E-09	9.98E-09	9.96E-09	6.64E-09	2.91E-09	2.00E-07
326	561474.88	4192275.4	1.25E-07	8.85E-08	1.27E-08	1.27E-08	1.27E-08	9.41E-09	5.70E-09	2.67E-07	8.97E-08	6.89E-08	9.83E-09	9.86E-09	9.83E-09	6.56E-09	2.87E-09	1.98E-07
327	561476.18	4192284.81	1.24E-07	8.72E-08	1.25E-08	1.25E-08	1.25E-08	9.27E-09	5.62E-09	2.63E-07	8.85E-08	6.79E-08	9.69E-09	9.72E-09	9.69E-09	6.46E-09	2.83E-09	1.95E-07
328	561477.48	4192294.22	1.22E-07	8.58E-08	1.23E-08	1.23E-08	1.23E-08	9.12E-09	5.53E-09	2.59E-07	8.70E-08	6.69E-08	9.54E-09	9.57E-09	9.54E-09	6.36E-09	2.78E-09	1.92E-07
329	561478.79	4192303.63	1.20E-07	8.43E-08	1.21E-08	1.21E-08	1.21E-08	8.96E-09	5.43E-09	2.55E-07	8.55E-08	6.57E-08	9.37E-09	9.40E-09	9.37E-09	6.25E-09	2.74E-09	1.88E-07
330	561480.09	4192313.05	1.17E-07	8.28E-08	1.19E-08	1.19E-08	1.19E-08	8.80E-09	5.33E-09	2.50E-07	8.40E-08	6.45E-08	9.20E-09	9.23E-09	9.20E-09	6.13E-09	2.69E-09	1.85E-07
331	561432.37	4192097.23	1.26E-07	8.90E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.74E-09	2.69E-07	9.03E-08	6.94E-08	9.90E-09	9.92E-09	9.90E-09	6.60E-09	2.89E-09	1.99E-07
332	561439.94	4192102.85	1.23E-07	8.64E-08	1.24E-08	1.24E-08	1.24E-08	9.19E-09	5.57E-09	2.61E-07	8.76E-08	6.73E-08	9.60E-09	9.63E-09	9.60E-09	6.40E-09	2.80E-09	1.93E-07
333	561447.51	4192108.47	1.19E-07	8.39E-08	1.20E-08	1.21E-08	1.20E-08	8.92E-09	5.41E-09	2.53E-07	8.51E-08	6.54E-08	9.33E-09	9.36E-09	9.33E-09	6.22E-09	2.72E-09	1.87E-07
334	561455.08	4192114.08	1.16E-07	8.16E-08	1.17E-08	1.17E-08	1.17E-08	8.68E-09	5.26E-09	2.46E-07	8.28E-08	6.36E-08	9.07E-09	9.10E-09	9.07E-09	6.05E-09	2.65E-09	1.82E-07
335	561463.94	4192129.04	1.14E-07	8.04E-08	1.15E-08	1.16E-08	1.15E-08	8.54E-09	5.18E-09	2.43E-07	8.15E-08	6.26E-08	8.93E-09	8.96E-09	8.93E-09	5.96E-09	2.61E-09	1.80E-07
336	561470.4	4192175.72	1.21E-07	8.52E-08	1.22E-08	1.23E-08	1.22E-08	9.06E-09	5.49E-09	2.57E-07	8.65E-08	6.64E-08	9.48E-09	9.50E-09	9.48E-09	6.32E-09	2.77E-09	1.90E-07
337	561472.98	4192194.39	1.23E-07	8.67E-08	1.24E-08	1.25E-08	1.24E-08	9.22E-09	5.59E-09	2.62E-07	8.79E-08	6.75E-08	9.64E-09	9.66E-09	9.64E-09	6.43E-09	2.81E-09	1.94E-07
338	561474.27	4192203.73	1.24E-07	8.72E-08	1.25E-08	1.25E-08	1.25E-08	9.27E-09	5.62E-09	2.63E-07	8.84E-08	6.79E-08	9.69E-09	9.72E-09	9.69E-09	6.46E-09	2.83E-09	1.95E-07
339	561475.56	4192213.07	1.24E-07	8.75E-08	1.25E-08	1.26E-08	1.25E-08	9.30E-09	5.64E-09	2.64E-07	8.87E-08	6.82E-08	9.73E-09	9.75E-09	9.73E-09	6.48E-09	2.84E-09	1.95E-07
340	561476.86	4192222.4	1.24E-07	8.75E-08	1.25E-08	1.26E-08	1.25E-08	9.30E-09	5.64E-09	2.64E-07	8.87E-08	6.81E-08	9.72E-09	9.75E-09	9.72E-09	6.48E-09	2.84E-09	1.95E-07
341	561482.02	4192259.75	1.21E-07	8.54E-08	1.22E-08	1.23E-08	1.22E-08	9.08E-09	5.51E-09	2.58E-07	8.67E-08	6.66E-08	9.50E-09	9.52E-09	9.50E-09	6.33E-09	2.77E-09	1.91E-07
342	561483.31	4192269.09	1.20E-07	8.45E-08	1.21E-08	1.21E-08	1.21E-08	8.98E-09	5.44E-09	2.55E-07	8.57E-08	6.58E-08	9.39E-09	9.42E-09	9.39E-09	6.26E-09	2.74E-09	1.89E-07
343	561484.61	4192278.42	1.18E-07	8.33E-08	1.19E-08	1.20E-08	1.19E-08	8.86E-09	5.37E-09	2.52E-07	8.45E-08	6.49E-08	9.26E-09	9.29E-09	9.26E-09	6.18E-09	2.70E-09	1.86E-07
344	561485.9	4192287.76	1.16E-07	8.21E-08	1.18E-08	1.18E-08	1.18E-08	8.73E-09	5.29E-09	2.48E-07	8.33E-08	6.40E-08	9.13E-09	9.15E-09	9.13E-09	6.09E-09	2.66E-09	1.83E-07
345	561487.19	4192297.1	1.15E-07	8.08E-08	1.16E-08	1.16E-08	1.16E-08	8.59E-09	5.21E-09	2.44E-07	8.19E-08	6.29E-08	8.98E-09	9.00E-09	8.98E-09	5.99E-09	2.62E-09	1.80E-07
346	561488.48	4192306.43	1.13E-07	7.93E-08	1.14E-08	1.14E-08	1.14E-08	8.44E-09	5.11E-09	2.40E-07	8.05E-08	6.18E-08	8.82E-09	8.85E-09	8.82E-09	5.88E-09	2.57E-09	1.77E-07
347	561489.77	4192315.77	1.10E-07	7.79E-08	1.12E-08	1.12E-08	1.12E-08	8.28E-09	5.02E-09	2.35E-07	7.90E-08	6.07E-08	8.66E-09	8.68E-09	8.66E-09	5.77E-09	2.53E-09	1.74E-07
348	561439.89	4192091.33	1.20E-07	8.44E-08	1.21E-08	1.21E-08	1.21E-08	8.97E-09	5.44E-09	2.55E-07	8.56E-08	6.57E-08	9.38E-09	9.41E-09	9.38E-09	6.26E-09	2.74E-09	1.89E-07
349	561447.73	4192097.15	1.16E-07	8.19E-08	1.17E-08	1.18E-08	1.17E-08	8.71E-09	5.28E-09	2.47E-07	8.31E-08	6.38E-08	9.10E-09	9.13E-09	9.10E-09	6.07E-09	2.66E-09	1.83E-07
350	561455.57	4192102.97	1.13E-07	7.95E-08	1.14E-08	1.14E-08	1.14E-08	8.46E-09	5.13E-09	2.40E-07	8.07E-08	6.20E-08	8.84E-09	8.87E-09	8.84E-09	5.90E-09	2.58E-09	1.78E-07
351	561463.41	4192108.78	1.10E-07	7.73E-08	1.11E-08	1.11E-08	1.11E-08	8.22E-09	4.98E-09	2.34E-07	7.85E-08	6.03E-08	8.60E-09	8.62E-09	8.60E-09	5.73E-09	2.51E-09	1.73E-07
352	561476.6	4192153.28	1.11E-07	7.85E-08	1.13E-08	1.13E-08	1.13E-08	8.35E-09	5.06E-09	2.37E-07	7.97E-08	6.12E-08	8.73E-09	8.75E-09	8.73E-09	5.82E-09	2.55E-09	1.75E-07
353	561477.94	4192162.95	1.13E-07	7.94E-08	1.14E-08	1.14E-08	1.14E-08	8.44E-09	5.12E-09	2.40E-07	8.05E-08	6.19E-08	8.83E-09	8.85E-09	8.83E-09	5.89E-09	2.58E-09	1.77E-07
354	561479.28	4192172.62	1.15E-07	8.08E-08	1.16E-08	1.16E-08	1.16E-08	8.59E-09	5.21E-09	2.44E-07	8.20E-08	6.30E-08	8.98E-09	9.01E-09	8.98E-09	5.99E-09	2.62E-09	1.81E-07
355	561483.29	4192201.63	1.17E-07	8.26E-08	1.18E-08	1.19E-08	1.18E-08	8.79E-09	5.33E-09	2.50E-07	8.38E-08	6.44E-08	9.19E-09	9.21E-09	9.19E-09	6.13E-09	2.68E-09	1.85E-07
356	561484.63	4192211.3	1.18E-07	8.29E-08	1.19E-08	1.19E-08	1.19E-08	8.82E-09	5.35E-09	2.50E-07	8.41E-08	6.46E-08	9.22E-09	9.25E-09	9.22E-09	6.15E-09	2.69E-09	1.85E-07
357	561485.97	4192220.97	1.18E-07	8.30E-08	1.19E-08	1.19E-08	1.19E-08	8.83E-09	5.35E-09	2.51E-07	8.42E-08	6.47E-08	9.23E-09	9.25E-09	9.23E-09	6.15E-09	2.69E-09	1.85E-07
358	561487.3	4192230.64	1.17E-07	8.28E-08	1.19E-08	1.19E-08	1.19E-08	8.81E-09	5.34E-09	2.50E-07	8.40E-08	6.45E-08	9.21E-09	9.23E-09	9.21E-09	6.14E-09	2.69E-09	1.85E-07
359	561491.32	4192259.65	1.15E-07	8.11E-08	1.16E-08	1.17E-08	1.16E-08	8.62E-09	5.23E-09	2.45E-07	8.22E-08	6.32E-08	9.01E-09	9.04E-09	9.01E-09	6.01E-09	2.63E-09	1.81E-07
360	561492.66	4192269.32	1.14E-07	8.01E-08	1.15E-08	1.15E-08	1.15E-08	8.51E-09	5.16E-09	2.42E-07	8.12E-08	6.24E-08	8.90E-09	8.93E-09	8.90E-09	5.93E-09	2.60E-09	1.79E-07
361	561493.99	4192278.99	1.12E-07	7.89E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.09E-09	2.38E-07	8.01E-08	6.15E-08	8.77E-09	8.80E-09	8.77E-09	5.85E-09	2.56E-09	1.76E-07
362	561495.33	4192288.66	1.10E-07	7.77E-08	1.11E-08	1.12E-08	1.11E-08	8.26E-09	5.01E-09	2.35E-07	7.88E-08	6.05E-08	8.64E-09	8.66E-09	8.64E-09	5.76E-09	2.52E-09	1.74E-07
363	561496.67	4192298.33	1.08E-07	7.64E-08	1.09E-08	1.10E-08	1.09E-08	8.12E-09	4.92E-09	2.31E-07	7.75E-08	5.95E-08	8.49E-09	8.51E-09	8.49E-09	5.66E-09	2.48E-09	1.71E-07
364	561498.01	4192308	1.06E-07	7.49E-08	1.07E-08	1.08E-08	1.07E-08	7.97E-09	4.83E-09	2.26E-07	7.60E-08	5.84E-08						

368	561440.99	4192080.67	1.16E-07	8.21E-08	1.18E-08	1.18E-08	1.18E-08	8.73E-09	5.29E-09	2.48E-07	8.33E-08	6.40E-08	9.13E-09	9.15E-09	9.13E-09	6.09E-09	2.66E-09	1.83E-07
369	561448.76	4192086.44	1.13E-07	7.97E-08	1.14E-08	1.15E-08	1.14E-08	8.48E-09	5.14E-09	2.41E-07	8.09E-08	6.21E-08	8.86E-09	8.89E-09	8.86E-09	5.91E-09	2.59E-09	1.78E-07
370	561456.54	4192092.2	1.10E-07	7.74E-08	1.11E-08	1.11E-08	1.11E-08	8.24E-09	4.99E-09	2.34E-07	7.86E-08	6.03E-08	8.61E-09	8.63E-09	8.61E-09	5.74E-09	2.51E-09	1.73E-07
371	561464.31	4192097.97	1.07E-07	7.53E-08	1.08E-08	1.08E-08	1.08E-08	8.01E-09	4.86E-09	2.27E-07	7.64E-08	5.87E-08	8.37E-09	8.40E-09	8.37E-09	5.58E-09	2.44E-09	1.68E-07
372	561482.51	4192128.68	1.04E-07	7.30E-08	1.05E-08	1.05E-08	1.05E-08	7.76E-09	4.70E-09	2.20E-07	7.40E-08	5.69E-08	8.11E-09	8.14E-09	8.11E-09	5.41E-09	2.37E-09	1.63E-07
373	561483.83	4192138.26	1.05E-07	7.37E-08	1.06E-08	1.06E-08	1.06E-08	7.84E-09	4.75E-09	2.23E-07	7.48E-08	5.75E-08	8.20E-09	8.22E-09	8.20E-09	5.47E-09	2.39E-09	1.65E-07
374	561485.16	4192147.85	1.06E-07	7.45E-08	1.07E-08	1.07E-08	1.07E-08	7.92E-09	4.80E-09	2.25E-07	7.56E-08	5.81E-08	8.28E-09	8.31E-09	8.28E-09	5.52E-09	2.42E-09	1.66E-07
375	561486.48	4192157.44	1.07E-07	7.53E-08	1.08E-08	1.08E-08	1.08E-08	8.01E-09	4.85E-09	2.27E-07	7.64E-08	5.87E-08	8.37E-09	8.39E-09	8.37E-09	5.58E-09	2.44E-09	1.68E-07
376	561487.81	4192167.02	1.08E-07	7.61E-08	1.09E-08	1.09E-08	1.09E-08	8.09E-09	4.91E-09	2.30E-07	7.72E-08	5.93E-08	8.46E-09	8.49E-09	8.46E-09	5.64E-09	2.47E-09	1.70E-07
377	561489.14	4192176.61	1.09E-07	7.72E-08	1.11E-08	1.11E-08	1.11E-08	8.21E-09	4.97E-09	2.33E-07	7.83E-08	6.01E-08	8.58E-09	8.60E-09	8.58E-09	5.72E-09	2.50E-09	1.72E-07
378	561493.12	4192205.37	1.12E-07	7.87E-08	1.13E-08	1.13E-08	1.13E-08	8.36E-09	5.07E-09	2.38E-07	7.98E-08	6.13E-08	8.75E-09	8.77E-09	8.75E-09	5.83E-09	2.55E-09	1.76E-07
379	561494.44	4192214.96	1.12E-07	7.89E-08	1.13E-08	1.13E-08	1.13E-08	8.38E-09	5.08E-09	2.38E-07	8.00E-08	6.14E-08	8.77E-09	8.79E-09	8.77E-09	5.85E-09	2.56E-09	1.76E-07
380	561495.77	4192224.54	1.12E-07	7.88E-08	1.13E-08	1.13E-08	1.13E-08	8.38E-09	5.08E-09	2.38E-07	8.00E-08	6.14E-08	8.76E-09	8.79E-09	8.76E-09	5.84E-09	2.56E-09	1.76E-07
381	561497.09	4192234.13	1.12E-07	7.86E-08	1.13E-08	1.13E-08	1.13E-08	8.36E-09	5.07E-09	2.37E-07	7.98E-08	6.13E-08	8.74E-09	8.77E-09	8.74E-09	5.83E-09	2.55E-09	1.76E-07
382	561498.42	4192243.72	1.11E-07	7.82E-08	1.12E-08	1.12E-08	1.12E-08	8.32E-09	5.04E-09	2.36E-07	7.94E-08	6.09E-08	8.70E-09	8.72E-09	8.70E-09	5.80E-09	2.54E-09	1.75E-07
383	561499.75	4192253.3	1.10E-07	7.76E-08	1.11E-08	1.12E-08	1.11E-08	8.25E-09	5.00E-09	2.34E-07	7.87E-08	6.04E-08	8.62E-09	8.65E-09	8.62E-09	5.75E-09	2.52E-09	1.73E-07
384	561501.07	4192262.89	1.09E-07	7.67E-08	1.10E-08	1.10E-08	1.10E-08	8.16E-09	4.94E-09	2.32E-07	7.78E-08	5.98E-08	8.53E-09	8.55E-09	8.53E-09	5.69E-09	2.49E-09	1.71E-07
385	561502.4	4192272.48	1.07E-07	7.56E-08	1.08E-08	1.09E-08	1.08E-08	8.04E-09	4.88E-09	2.28E-07	7.67E-08	5.89E-08	8.41E-09	8.43E-09	8.41E-09	5.61E-09	2.46E-09	1.69E-07
386	561503.73	4192282.06	1.06E-07	7.45E-08	1.07E-08	1.07E-08	1.07E-08	7.92E-09	4.80E-09	2.25E-07	7.56E-08	5.81E-08	8.29E-09	8.31E-09	8.29E-09	5.52E-09	2.42E-09	1.66E-07
387	561505.05	4192291.65	1.04E-07	7.34E-08	1.05E-08	1.05E-08	1.05E-08	7.80E-09	4.73E-09	2.22E-07	7.44E-08	5.72E-08	8.16E-09	8.18E-09	8.16E-09	5.44E-09	2.38E-09	1.64E-07
388	561506.38	4192301.24	1.02E-07	7.21E-08	1.03E-08	1.04E-08	1.03E-08	7.67E-09	4.65E-09	2.18E-07	7.31E-08	5.62E-08	8.02E-09	8.04E-09	8.02E-09	5.34E-09	2.34E-09	1.61E-07
389	561507.71	4192310.83	1.00E-07	7.08E-08	1.01E-08	1.02E-08	1.01E-08	7.52E-09	4.56E-09	2.14E-07	7.18E-08	5.51E-08	7.87E-09	7.89E-09	7.87E-09	5.25E-09	2.30E-09	1.58E-07
390	561509.03	4192320.41	9.84E-08	6.94E-08	9.95E-09	9.98E-09	9.95E-09	7.38E-09	4.47E-09	2.10E-07	7.04E-08	5.41E-08	7.71E-09	7.74E-09	7.71E-09	5.14E-09	2.25E-09	1.55E-07
391	561411.35	4192047.2	1.29E-07	9.08E-08	1.30E-08	1.30E-08	1.30E-08	9.65E-09	5.85E-09	2.74E-07	9.21E-08	7.07E-08	1.01E-08	1.01E-08	1.01E-08	6.73E-09	2.95E-09	2.03E-07
392	561419.06	4192052.92	1.25E-07	8.78E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.66E-09	2.65E-07	8.90E-08	6.84E-08	9.76E-09	9.78E-09	9.76E-09	6.51E-09	2.85E-09	1.96E-07
393	561426.77	4192058.64	1.21E-07	8.50E-08	1.22E-08	1.22E-08	1.22E-08	9.04E-09	5.48E-09	2.57E-07	8.62E-08	6.62E-08	9.45E-09	9.47E-09	9.45E-09	6.30E-09	2.76E-09	1.90E-07
394	561434.48	4192064.36	1.17E-07	8.24E-08	1.18E-08	1.18E-08	1.18E-08	8.76E-09	5.31E-09	2.49E-07	8.36E-08	6.42E-08	9.16E-09	9.18E-09	9.16E-09	6.11E-09	2.67E-09	1.84E-07
395	561442.19	4192070.08	1.13E-07	7.99E-08	1.15E-08	1.15E-08	1.15E-08	8.50E-09	5.15E-09	2.41E-07	8.11E-08	6.23E-08	8.88E-09	8.91E-09	8.88E-09	5.92E-09	2.59E-09	1.78E-07
396	561449.9	4192075.8	1.10E-07	7.76E-08	1.11E-08	1.12E-08	1.11E-08	8.25E-09	5.00E-09	2.34E-07	7.87E-08	6.05E-08	8.63E-09	8.65E-09	8.63E-09	5.75E-09	2.52E-09	1.73E-07
397	561457.61	4192081.52	1.07E-07	7.54E-08	1.08E-08	1.08E-08	1.08E-08	8.02E-09	4.86E-09	2.28E-07	7.65E-08	5.88E-08	8.38E-09	8.41E-09	8.38E-09	5.59E-09	2.45E-09	1.68E-07
398	561465.32	4192087.24	1.04E-07	7.34E-08	1.05E-08	1.05E-08	1.05E-08	7.80E-09	4.73E-09	2.22E-07	7.44E-08	5.72E-08	8.16E-09	8.18E-09	8.16E-09	5.44E-09	2.38E-09	1.64E-07
399	561473.04	4192092.96	1.01E-07	7.14E-08	1.02E-08	1.03E-08	1.02E-08	7.60E-09	4.60E-09	2.16E-07	7.25E-08	5.57E-08	7.94E-09	7.96E-09	7.94E-09	5.30E-09	2.32E-09	1.60E-07
400	561489.77	4192113.91	9.70E-08	6.83E-08	9.80E-09	9.83E-09	9.80E-09	7.27E-09	4.41E-09	2.06E-07	6.93E-08	5.33E-08	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	1.53E-07
401	561491.09	4192123.42	9.81E-08	6.92E-08	9.92E-09	9.95E-09	9.92E-09	7.36E-09	4.46E-09	2.09E-07	7.02E-08	5.39E-08	7.69E-09	7.71E-09	7.69E-09	5.13E-09	2.25E-09	1.55E-07
402	561492.4	4192132.93	9.93E-08	7.00E-08	1.00E-08	1.01E-08	1.00E-08	7.44E-09	4.51E-09	2.11E-07	7.10E-08	5.45E-08	7.78E-09	7.80E-09	7.78E-09	5.19E-09	2.27E-09	1.56E-07
403	561493.72	4192142.44	1.00E-07	7.07E-08	1.01E-08	1.02E-08	1.01E-08	7.52E-09	4.56E-09	2.14E-07	7.18E-08	5.51E-08	7.86E-09	7.89E-09	7.86E-09	5.24E-09	2.30E-09	1.58E-07
404	561495.03	4192151.95	1.01E-07	7.15E-08	1.03E-08	1.03E-08	1.03E-08	7.60E-09	4.61E-09	2.16E-07	7.26E-08	5.57E-08	7.95E-09	7.97E-09	7.95E-09	5.30E-09	2.32E-09	1.60E-07
405	561496.35	4192161.46	1.03E-07	7.23E-08	1.04E-08	1.04E-08	1.04E-08	7.69E-09	4.66E-09	2.18E-07	7.33E-08	5.63E-08	8.04E-09	8.06E-09	8.04E-09	5.36E-09	2.35E-09	1.61E-07
406	561497.67	4192170.97	1.04E-07	7.31E-08	1.05E-08	1.05E-08	1.05E-08	7.78E-09	4.71E-09	2.21E-07	7.42E-08	5.70E-08	8.13E-09	8.15E-09	8.13E-09	5.42E-09	2.37E-09	1.63E-07
407	561498.98	4192180.48	1.05E-07	7.38E-08	1.06E-08	1.06E-08	1.06E-08	7.84E-09	4.75E-09	2.23E-07	7.48E-08	5.75E-08	8.20E-09	8.22E-09	8.20E-09	5.47E-09	2.39E-09	1.65E-07
408	561502.93	4192209.02	1.06E-07	7.49E-08	1.07E-08	1.08E-08	1.07E-08	7.97E-09	4.83E-09	2.26E-07	7.60E-08	5.84E-08	8.33E-09	8.35E-09	8.33E-09	5.55E-09	2.43E-09	1.67E-07
409	561504.24	4192218.53	1.06E-07	7.50E-08	1.08E-08	1.08E-08	1.08E-08	7.98E-09	4.84E-09	2.27E-07	7.61E-08	5.85E-08	8.34E-09	8.37E-09	8.34E-09	5.56E-09	2.44E-09	1.68E-07
410	561505.56	4192228.04	1.06E-07	7.50E-08	1.07E-08	1.08E-08	1.07E-08	7.97E-09	4.83E-09	2.26E-07	7.60E-08	5.84E-08	8.33E-09	8.36E-09	8.33E-09	5.56E-09	2.43E-09	1.67E-07
411	561506.88	4192237.55	1.06E-07	7.47E-08	1.07E-08	1.07E-08	1.07E-08	7.94E-09	4.81E-09	2.26E-07	7.58E-08	5.82E-08	8.30E-09	8.33E-09	8.30E-09	5.54E-09	2.42E-09	1.67E-07
412	561508.19	4192247.06	1.05E-07	7.42E-08	1.06E-08	1.07E-08	1.06E-08	7.89E-09	4.79E-09	2.24E-07	7.53E-08	5.78E-08	8.25E-09	8.28E-09	8.25E-09	5.50E-09	2.41E-09	1.66E-07
413	561509.51	4192256.57	1.04E-07	7.35E-08	1.05E-08	1.06E-08	1.05E-08	7.82E-09	4.74E-09	2.22E-07	7.46E-08	5.73E-08	8.17E-09	8.20E-09	8.17E-09	5.45E-09	2.39E-09	1.64E-07
414	561510.82	4192266.08	1.03E-07	7.26E-08	1.04E-08	1.04E-08	1.04E-08	7.72E-09	4.68E-09	2.19E-07	7.37E-08	5.66E-08	8.08E-09	8.10E-09	8.08E-09	5.39E-09	2.36E-09	1.62E-07
415	561512.14	4192275.59	1.02E-07	7.16E-08	1.03E-08	1.03E-08	1.03E-08	7.62E-09	4.62E-09	2.16E-07	7.27E-08	5.58E-08	7.97E-09	7.99E-09	7.97E-09	5.31E-09	2.33E-09	1.60E-07
416	561513.45	4192285.1	1.00E-07	7.06E-08	1.01E-08	1.02E-08	1.01E-08	7.51E-09	4.55E-09	2.13E-07	7.16E-08	5.50E-08	7.85E-09	7.87E-09	7.85E-09	5.23E-09	2.29E-09	1.58E-07
417	561514.77	4192294.61	9.86E-08	6.95E-08	9.96E-09	9.99E-09	9.96E-09	7.39E-09	4.48E-09	2.10E-07	7.05E-08	5.41E-0						

421	560985.67	4192041.55	2.73E-07	1.92E-07	2.76E-08	2.76E-08	2.76E-08	2.04E-08	1.24E-08	5.81E-07	1.95E-07	1.50E-07	2.14E-08	2.14E-08	2.14E-08	1.43E-08	6.24E-09	4.30E-07
422	560991.7	4192030.36	2.66E-07	1.88E-07	2.69E-08	2.70E-08	2.69E-08	1.99E-08	1.21E-08	5.67E-07	1.90E-07	1.46E-07	2.09E-08	2.09E-08	2.09E-08	1.39E-08	6.09E-09	4.19E-07
423	560982.51	4192032.06	2.56E-07	1.81E-07	2.59E-08	2.60E-08	2.59E-08	1.92E-08	1.17E-08	5.46E-07	1.83E-07	1.41E-07	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.87E-09	4.04E-07
424	560988.58	4192020.87	2.51E-07	1.77E-07	2.53E-08	2.54E-08	2.53E-08	1.88E-08	1.14E-08	5.34E-07	1.79E-07	1.38E-07	1.96E-08	1.97E-08	1.96E-08	1.31E-08	5.73E-09	3.95E-07
425	560979.35	4192022.57	2.42E-07	1.70E-07	2.44E-08	2.45E-08	2.44E-08	1.81E-08	1.10E-08	5.14E-07	1.73E-07	1.33E-07	1.89E-08	1.90E-08	1.89E-08	1.26E-08	5.53E-09	3.81E-07
426	560985.46	4192011.38	2.36E-07	1.67E-07	2.39E-08	2.40E-08	2.39E-08	1.77E-08	1.07E-08	5.03E-07	1.69E-07	1.30E-07	1.85E-08	1.86E-08	1.85E-08	1.24E-08	5.41E-09	3.72E-07
427	560994.83	4192011	2.46E-07	1.74E-07	2.49E-08	2.50E-08	2.49E-08	1.85E-08	1.12E-08	5.25E-07	1.76E-07	1.35E-07	1.93E-08	1.94E-08	1.93E-08	1.29E-08	5.64E-09	3.88E-07
428	560976.2	4192013.08	2.28E-07	1.61E-07	2.31E-08	2.31E-08	2.31E-08	1.71E-08	1.04E-08	4.86E-07	1.63E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.19E-08	5.22E-09	3.59E-07
429	560982.33	4192001.89	2.23E-07	1.58E-07	2.26E-08	2.27E-08	2.26E-08	1.68E-08	1.02E-08	4.76E-07	1.60E-07	1.23E-07	1.75E-08	1.76E-08	1.75E-08	1.17E-08	5.11E-09	3.52E-07
430	560991.77	4192001.51	2.33E-07	1.64E-07	2.35E-08	2.36E-08	2.35E-08	1.74E-08	1.06E-08	4.95E-07	1.66E-07	1.28E-07	1.82E-08	1.83E-08	1.82E-08	1.22E-08	5.33E-09	3.67E-07
431	561001.21	4192001.13	2.42E-07	1.71E-07	2.45E-08	2.45E-08	2.45E-08	1.81E-08	1.10E-08	5.15E-07	1.73E-07	1.33E-07	1.90E-08	1.90E-08	1.90E-08	1.26E-08	5.54E-09	3.81E-07
432	560973.04	4192003.6	2.16E-07	1.52E-07	2.18E-08	2.19E-08	2.18E-08	1.62E-08	9.80E-09	4.59E-07	1.54E-07	1.18E-07	1.69E-08	1.69E-08	1.69E-08	1.13E-08	4.93E-09	3.40E-07
433	560979.2	4191992.4	2.12E-07	1.49E-07	2.14E-08	2.14E-08	2.14E-08	1.59E-08	9.61E-09	4.50E-07	1.51E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.11E-08	4.84E-09	3.33E-07
434	560988.7	4191992.01	2.20E-07	1.55E-07	2.23E-08	2.23E-08	2.23E-08	1.65E-08	1.00E-08	4.69E-07	1.57E-07	1.21E-07	1.73E-08	1.73E-08	1.73E-08	1.15E-08	5.04E-09	3.47E-07
435	560998.2	4191991.63	2.29E-07	1.61E-07	2.31E-08	2.32E-08	2.31E-08	1.72E-08	1.04E-08	4.87E-07	1.64E-07	1.26E-07	1.79E-08	1.80E-08	1.79E-08	1.20E-08	5.24E-09	3.61E-07
436	560969.88	4191994.11	2.04E-07	1.44E-07	2.06E-08	2.07E-08	2.06E-08	1.53E-08	9.28E-09	4.35E-07	1.46E-07	1.12E-07	1.60E-08	1.60E-08	1.60E-08	1.07E-08	4.67E-09	3.22E-07
437	560976.08	4191982.91	2.01E-07	1.41E-07	2.03E-08	2.03E-08	2.03E-08	1.50E-08	9.11E-09	4.27E-07	1.43E-07	1.10E-07	1.57E-08	1.58E-08	1.57E-08	1.05E-08	4.59E-09	3.16E-07
438	560985.63	4191982.52	2.09E-07	1.47E-07	2.11E-08	2.12E-08	2.11E-08	1.56E-08	9.48E-09	4.44E-07	1.49E-07	1.15E-07	1.64E-08	1.64E-08	1.64E-08	1.09E-08	4.77E-09	3.29E-07
439	560995.18	4191982.14	2.17E-07	1.53E-07	2.19E-08	2.20E-08	2.19E-08	1.63E-08	9.85E-09	4.62E-07	1.55E-07	1.19E-07	1.70E-08	1.70E-08	1.70E-08	1.13E-08	4.96E-09	3.41E-07
440	561004.73	4191981.75	2.25E-07	1.59E-07	2.27E-08	2.28E-08	2.27E-08	1.69E-08	1.02E-08	4.79E-07	1.61E-07	1.24E-07	1.76E-08	1.77E-08	1.76E-08	1.18E-08	5.15E-09	3.54E-07
441	560966.73	4191984.62	1.94E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.45E-08	8.80E-09	4.12E-07	1.38E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.43E-09	3.05E-07
442	560972.94	4191973.42	1.90E-07	1.34E-07	1.92E-08	1.93E-08	1.92E-08	1.43E-08	8.65E-09	4.05E-07	1.36E-07	1.05E-07	1.49E-08	1.50E-08	1.49E-08	9.95E-09	4.36E-09	3.00E-07
443	560982.55	4191973.03	1.98E-07	1.40E-07	2.00E-08	2.01E-08	2.00E-08	1.48E-08	9.00E-09	4.22E-07	1.42E-07	1.09E-07	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	3.12E-07
444	560992.15	4191972.64	2.06E-07	1.45E-07	2.08E-08	2.08E-08	2.08E-08	1.54E-08	9.35E-09	4.38E-07	1.47E-07	1.13E-07	1.61E-08	1.62E-08	1.61E-08	1.07E-08	4.71E-09	3.24E-07
445	561001.76	4191972.26	2.13E-07	1.50E-07	2.16E-08	2.16E-08	2.16E-08	1.60E-08	9.69E-09	4.54E-07	1.53E-07	1.17E-07	1.67E-08	1.68E-08	1.67E-08	1.11E-08	4.88E-09	3.36E-07
446	561011.36	4191971.87	2.21E-07	1.56E-07	2.23E-08	2.24E-08	2.23E-08	1.66E-08	1.00E-08	4.70E-07	1.58E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.15E-08	5.05E-09	3.48E-07
447	560963.57	4191975.13	1.84E-07	1.30E-07	1.86E-08	1.86E-08	1.86E-08	1.38E-08	8.36E-09	3.91E-07	1.32E-07	1.01E-07	1.44E-08	1.45E-08	1.44E-08	9.61E-09	4.21E-09	2.90E-07
448	560969.66	4191963.93	1.81E-07	1.27E-07	1.83E-08	1.83E-08	1.83E-08	1.36E-08	8.22E-09	3.85E-07	1.29E-07	9.93E-08	1.42E-08	1.42E-08	1.42E-08	9.45E-09	4.14E-09	2.85E-07
449	560979.01	4191963.56	1.88E-07	1.32E-07	1.90E-08	1.90E-08	1.90E-08	1.41E-08	8.53E-09	4.00E-07	1.34E-07	1.03E-07	1.47E-08	1.48E-08	1.47E-08	9.81E-09	4.30E-09	2.96E-07
450	560988.36	4191963.18	1.95E-07	1.37E-07	1.97E-08	1.97E-08	1.97E-08	1.46E-08	8.85E-09	4.15E-07	1.39E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.46E-09	3.07E-07
451	560997.71	4191962.8	2.02E-07	1.42E-07	2.04E-08	2.04E-08	2.04E-08	1.51E-08	9.17E-09	4.29E-07	1.44E-07	1.11E-07	1.58E-08	1.59E-08	1.58E-08	1.05E-08	4.62E-09	3.18E-07
452	561007.06	4191962.43	2.09E-07	1.47E-07	2.11E-08	2.11E-08	2.11E-08	1.56E-08	9.48E-09	4.44E-07	1.49E-07	1.15E-07	1.64E-08	1.64E-08	1.64E-08	1.09E-08	4.77E-09	3.29E-07
453	560960.42	4191965.64	1.75E-07	1.23E-07	1.77E-08	1.77E-08	1.77E-08	1.31E-08	7.95E-09	3.72E-07	1.25E-07	9.61E-08	1.37E-08	1.37E-08	1.37E-08	9.14E-09	4.00E-09	2.75E-07
454	560966.53	4191954.44	1.72E-07	1.21E-07	1.74E-08	1.74E-08	1.74E-08	1.29E-08	7.82E-09	3.66E-07	1.23E-07	9.45E-08	1.35E-08	1.35E-08	1.35E-08	9.00E-09	3.94E-09	2.71E-07
455	560975.93	4191954.06	1.79E-07	1.26E-07	1.81E-08	1.81E-08	1.81E-08	1.34E-08	8.12E-09	3.80E-07	1.28E-07	9.81E-08	1.40E-08	1.40E-08	1.40E-08	9.34E-09	4.09E-09	2.81E-07
456	560985.34	4191953.69	1.85E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.42E-09	3.94E-07	1.33E-07	1.02E-07	1.45E-08	1.46E-08	1.45E-08	9.68E-09	4.24E-09	2.92E-07
457	560994.74	4191953.31	1.92E-07	1.35E-07	1.94E-08	1.94E-08	1.94E-08	1.44E-08	8.72E-09	4.08E-07	1.37E-07	1.05E-07	1.50E-08	1.51E-08	1.50E-08	1.00E-08	4.39E-09	3.02E-07
458	561004.14	4191952.93	1.98E-07	1.40E-07	2.00E-08	2.01E-08	2.00E-08	1.49E-08	9.01E-09	4.22E-07	1.42E-07	1.09E-07	1.55E-08	1.56E-08	1.55E-08	1.04E-08	4.54E-09	3.12E-07
459	561013.54	4191952.55	2.05E-07	1.44E-07	2.07E-08	2.07E-08	2.07E-08	1.53E-08	9.30E-09	4.36E-07	1.46E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.07E-08	4.68E-09	3.22E-07
460	560957.26	4191956.15	1.67E-07	1.17E-07	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.57E-09	3.54E-07	1.19E-07	9.15E-08	1.31E-08	1.31E-08	1.31E-08	8.70E-09	3.81E-09	2.62E-07
461	560963.4	4191944.95	1.64E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.45E-09	3.49E-07	1.17E-07	9.01E-08	1.29E-08	1.29E-08	1.29E-08	8.57E-09	3.75E-09	2.58E-07
462	560972.85	4191944.57	1.70E-07	1.20E-07	1.72E-08	1.73E-08	1.72E-08	1.28E-08	7.74E-09	3.62E-07	1.22E-07	9.35E-08	1.33E-08	1.34E-08	1.33E-08	8.90E-09	3.89E-09	2.68E-07
463	560982.3	4191944.19	1.76E-07	1.24E-07	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.02E-09	3.76E-07	1.26E-07	9.69E-08	1.38E-08	1.39E-08	1.38E-08	9.22E-09	4.04E-09	2.78E-07
464	560991.76	4191943.81	1.83E-07	1.29E-07	1.85E-08	1.85E-08	1.85E-08	1.37E-08	8.30E-09	3.89E-07	1.31E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	9.54E-09	4.18E-09	2.88E-07
465	561001.21	4191943.43	1.89E-07	1.33E-07	1.91E-08	1.91E-08	1.91E-08	1.41E-08	8.58E-09	4.02E-07	1.35E-07	1.04E-07	1.48E-08	1.48E-08	1.48E-08	9.86E-09	4.32E-09	2.97E-07
466	561010.66	4191943.05	1.95E-07	1.37E-07	1.97E-08	1.97E-08	1.97E-08	1.46E-08	8.85E-09	4.15E-07	1.39E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.46E-09	3.07E-07
467	561020.11	4191942.67	2.01E-07	1.41E-07	2.03E-08	2.03E-08	2.03E-08	1.50E-08	9.12E-09	4.27E-07	1.43E-07	1.10E-07	1.57E-08	1.58E-08	1.57E-08	1.05E-08	4.59E-09	3.16E-07
468	560954.1	4191946.66	1.59E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	3.38E-07	1.14E-07	8.72E-08	1.24E-08	1.25E-08	1.24E-08	8.29E-09	3.63E-09	2.50E-07
469	560960.27	4191935.46	1.57E-07	1.10E-07	1.58E-08	1.59E-08	1.58E-08	1.17E-08	7.11E-09	3.33E-07	1.12E-07	8.60E-08	1.23E-08	1.23E-08	1.23E-08	8.18E-09	3.58E-09	2.46E-07
470	560969.77	4191935.08	1.62E-07	1.14E-07	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.38E-09	3.46E-07	1.16E-07	8.92E-08						

474	561007.76	4191933.55	1.86E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.43E-09	3.95E-07	1.33E-07	1.02E-07	1.45E-08	1.46E-08	1.45E-08	9.69E-09	4.24E-09	2.92E-07
475	561017.26	4191933.17	1.91E-07	1.35E-07	1.93E-08	1.94E-08	1.93E-08	1.43E-08	8.68E-09	4.07E-07	1.37E-07	1.05E-07	1.50E-08	1.50E-08	1.50E-08	9.98E-09	4.37E-09	3.01E-07
476	560950.95	4191937.17	1.52E-07	1.07E-07	1.53E-08	1.54E-08	1.53E-08	1.14E-08	6.88E-09	3.23E-07	1.08E-07	8.32E-08	1.19E-08	1.19E-08	1.19E-08	7.92E-09	3.47E-09	2.39E-07
477	560957.13	4191925.97	1.50E-07	1.05E-07	1.51E-08	1.52E-08	1.51E-08	1.12E-08	6.79E-09	3.18E-07	1.07E-07	8.21E-08	1.17E-08	1.17E-08	1.17E-08	7.81E-09	3.42E-09	2.35E-07
478	560966.68	4191925.59	1.55E-07	1.09E-07	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	3.30E-07	1.11E-07	8.51E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	2.44E-07
479	560976.22	4191925.21	1.61E-07	1.13E-07	1.62E-08	1.63E-08	1.62E-08	1.20E-08	7.30E-09	3.42E-07	1.15E-07	8.82E-08	1.26E-08	1.26E-08	1.26E-08	8.39E-09	3.67E-09	2.53E-07
480	560985.76	4191924.82	1.66E-07	1.17E-07	1.68E-08	1.68E-08	1.68E-08	1.24E-08	7.55E-09	3.54E-07	1.19E-07	9.12E-08	1.30E-08	1.31E-08	1.30E-08	8.68E-09	3.80E-09	2.62E-07
481	560995.3	4191924.44	1.72E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.79E-09	3.65E-07	1.23E-07	9.42E-08	1.34E-08	1.35E-08	1.34E-08	8.96E-09	3.92E-09	2.70E-07
482	561004.85	4191924.06	1.77E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.33E-08	8.04E-09	3.77E-07	1.27E-07	9.72E-08	1.39E-08	1.39E-08	1.39E-08	9.24E-09	4.05E-09	2.79E-07
483	561014.39	4191923.67	1.82E-07	1.28E-07	1.84E-08	1.85E-08	1.84E-08	1.37E-08	8.28E-09	3.88E-07	1.30E-07	1.00E-07	1.43E-08	1.43E-08	1.43E-08	9.52E-09	4.17E-09	2.87E-07
484	561023.93	4191923.29	1.87E-07	1.32E-07	1.89E-08	1.90E-08	1.89E-08	1.40E-08	8.51E-09	3.99E-07	1.34E-07	1.03E-07	1.47E-08	1.47E-08	1.47E-08	9.78E-09	4.28E-09	2.95E-07
485	560947.79	4191927.68	1.45E-07	1.02E-07	1.46E-08	1.47E-08	1.46E-08	1.09E-08	6.58E-09	3.08E-07	1.04E-07	7.95E-08	1.13E-08	1.14E-08	1.13E-08	7.57E-09	3.31E-09	2.28E-07
486	560941.54	4192192.34	4.54E-07	3.20E-07	4.59E-08	4.61E-08	4.59E-08	3.41E-08	2.06E-08	9.67E-07	3.25E-07	2.50E-07	3.56E-08	3.57E-08	3.56E-08	2.37E-08	1.04E-08	7.16E-07
487	560936.25	4192207.6	4.70E-07	3.31E-07	4.75E-08	4.76E-08	4.75E-08	3.52E-08	2.13E-08	1.00E-06	3.36E-07	2.58E-07	3.68E-08	3.69E-08	3.68E-08	2.45E-08	1.07E-08	7.39E-07
488	560932.95	4192223.59	4.91E-07	3.46E-07	4.97E-08	4.98E-08	4.97E-08	3.68E-08	2.23E-08	1.05E-06	3.51E-07	2.70E-07	3.85E-08	3.86E-08	3.85E-08	2.57E-08	1.12E-08	7.74E-07
489	560931.59	4192190.65	4.14E-07	2.92E-07	4.18E-08	4.20E-08	4.18E-08	3.10E-08	1.88E-08	8.81E-07	2.96E-07	2.27E-07	3.25E-08	3.25E-08	3.25E-08	2.16E-08	9.47E-09	6.52E-07
490	560938.54	4192176.79	4.08E-07	2.87E-07	4.12E-08	4.13E-08	4.12E-08	3.06E-08	1.85E-08	8.68E-07	2.92E-07	2.24E-07	3.20E-08	3.20E-08	3.20E-08	2.13E-08	9.33E-09	6.42E-07
491	560945.5	4192162.92	4.00E-07	2.82E-07	4.04E-08	4.05E-08	4.04E-08	3.00E-08	1.82E-08	8.51E-07	2.86E-07	2.20E-07	3.13E-08	3.14E-08	3.13E-08	2.09E-08	9.15E-09	6.30E-07
492	560952.46	4192149.05	3.90E-07	2.75E-07	3.94E-08	3.95E-08	3.94E-08	2.92E-08	1.77E-08	8.30E-07	2.79E-07	2.14E-07	3.06E-08	3.06E-08	3.06E-08	2.04E-08	8.92E-09	6.14E-07
493	560926.46	4192205.58	4.26E-07	3.01E-07	4.31E-08	4.32E-08	4.31E-08	3.20E-08	1.94E-08	9.08E-07	3.05E-07	2.34E-07	3.34E-08	3.35E-08	3.34E-08	2.23E-08	9.76E-09	6.72E-07
494	560923.16	4192221.57	4.44E-07	3.13E-07	4.49E-08	4.50E-08	4.49E-08	3.33E-08	2.02E-08	9.46E-07	3.18E-07	2.44E-07	3.48E-08	3.49E-08	3.48E-08	2.32E-08	1.02E-08	7.00E-07
495	560921.66	4192188.89	3.79E-07	2.67E-07	3.83E-08	3.84E-08	3.83E-08	2.84E-08	1.72E-08	8.06E-07	2.71E-07	2.08E-07	2.97E-08	2.98E-08	2.97E-08	1.98E-08	8.66E-09	5.96E-07
496	560928.36	4192175.53	3.74E-07	2.64E-07	3.78E-08	3.79E-08	3.78E-08	2.80E-08	1.70E-08	7.96E-07	2.67E-07	2.05E-07	2.93E-08	2.94E-08	2.93E-08	1.95E-08	8.55E-09	5.89E-07
497	560935.06	4192162.18	3.68E-07	2.59E-07	3.72E-08	3.73E-08	3.72E-08	2.76E-08	1.67E-08	7.83E-07	2.63E-07	2.02E-07	2.88E-08	2.89E-08	2.88E-08	1.92E-08	8.41E-09	5.79E-07
498	560941.76	4192148.83	3.61E-07	2.54E-07	3.64E-08	3.65E-08	3.64E-08	2.70E-08	1.64E-08	7.67E-07	2.58E-07	1.98E-07	2.83E-08	2.83E-08	2.83E-08	1.88E-08	8.25E-09	5.68E-07
499	560954.7	4192131.37	3.59E-07	2.53E-07	3.63E-08	3.64E-08	3.63E-08	2.69E-08	1.63E-08	7.64E-07	2.57E-07	1.97E-07	2.81E-08	2.82E-08	2.81E-08	1.88E-08	8.21E-09	5.65E-07
500	560916.66	4192203.56	3.89E-07	2.74E-07	3.93E-08	3.94E-08	3.93E-08	2.91E-08	1.77E-08	8.27E-07	2.78E-07	2.13E-07	3.05E-08	3.05E-08	3.05E-08	2.03E-08	8.89E-09	6.12E-07
501	560913.36	4192219.55	4.03E-07	2.84E-07	4.07E-08	4.08E-08	4.07E-08	3.02E-08	1.83E-08	8.58E-07	2.88E-07	2.21E-07	3.16E-08	3.17E-08	3.16E-08	2.11E-08	9.22E-09	6.35E-07
502	560912.13	4192186.35	3.47E-07	2.44E-07	3.50E-08	3.51E-08	3.50E-08	2.60E-08	1.58E-08	7.38E-07	2.48E-07	1.90E-07	2.72E-08	2.73E-08	2.72E-08	1.81E-08	7.93E-09	5.46E-07
503	560919.34	4192171.97	3.43E-07	2.42E-07	3.47E-08	3.48E-08	3.47E-08	2.57E-08	1.56E-08	7.30E-07	2.45E-07	1.88E-07	2.69E-08	2.70E-08	2.69E-08	1.79E-08	7.85E-09	5.40E-07
504	560926.56	4192157.59	3.37E-07	2.38E-07	3.41E-08	3.42E-08	3.41E-08	2.53E-08	1.53E-08	7.18E-07	2.41E-07	1.85E-07	2.64E-08	2.65E-08	2.64E-08	1.76E-08	7.72E-09	5.31E-07
505	560933.77	4192143.21	3.31E-07	2.33E-07	3.34E-08	3.35E-08	3.34E-08	2.48E-08	1.50E-08	7.04E-07	2.36E-07	1.82E-07	2.59E-08	2.60E-08	2.59E-08	1.73E-08	7.56E-09	5.21E-07
506	560947.71	4192124.41	3.29E-07	2.32E-07	3.33E-08	3.34E-08	3.33E-08	2.47E-08	1.50E-08	7.01E-07	2.35E-07	1.81E-07	2.58E-08	2.59E-08	2.58E-08	1.72E-08	7.53E-09	5.18E-07
507	560961.14	4192115.55	3.45E-07	2.43E-07	3.49E-08	3.49E-08	3.49E-08	2.58E-08	1.57E-08	7.34E-07	2.47E-07	1.89E-07	2.70E-08	2.71E-08	2.70E-08	1.80E-08	7.89E-09	5.43E-07
508	560906.87	4192201.54	3.55E-07	2.50E-07	3.59E-08	3.60E-08	3.59E-08	2.66E-08	1.61E-08	7.56E-07	2.54E-07	1.95E-07	2.78E-08	2.79E-08	2.78E-08	1.85E-08	8.12E-09	5.59E-07
509	560903.57	4192217.53	3.67E-07	2.59E-07	3.71E-08	3.72E-08	3.71E-08	2.75E-08	1.67E-08	7.82E-07	2.63E-07	2.02E-07	2.88E-08	2.89E-08	2.88E-08	1.92E-08	8.40E-09	5.78E-07
510	560902.2	4192184.59	3.19E-07	2.25E-07	3.22E-08	3.23E-08	3.22E-08	2.39E-08	1.45E-08	6.79E-07	2.28E-07	1.75E-07	2.50E-08	2.51E-08	2.50E-08	1.67E-08	7.30E-09	5.02E-07
511	560909.16	4192170.72	3.16E-07	2.22E-07	3.19E-08	3.20E-08	3.19E-08	2.37E-08	1.43E-08	6.72E-07	2.26E-07	1.73E-07	2.47E-08	2.48E-08	2.47E-08	1.65E-08	7.22E-09	4.97E-07
512	560916.12	4192156.86	3.12E-07	2.20E-07	3.15E-08	3.16E-08	3.15E-08	2.34E-08	1.42E-08	6.64E-07	2.23E-07	1.71E-07	2.44E-08	2.45E-08	2.44E-08	1.63E-08	7.14E-09	4.91E-07
513	560923.08	4192142.99	3.06E-07	2.16E-07	3.10E-08	3.10E-08	3.10E-08	2.30E-08	1.39E-08	6.52E-07	2.19E-07	1.68E-07	2.40E-08	2.41E-08	2.40E-08	1.60E-08	7.01E-09	4.82E-07
514	560930.04	4192129.12	2.99E-07	2.11E-07	3.02E-08	3.03E-08	3.02E-08	2.24E-08	1.36E-08	6.37E-07	2.14E-07	1.64E-07	2.34E-08	2.35E-08	2.34E-08	1.56E-08	6.84E-09	4.71E-07
515	560939.99	4192117.92	3.02E-07	2.13E-07	3.05E-08	3.06E-08	3.05E-08	2.27E-08	1.37E-08	6.43E-07	2.16E-07	1.66E-07	2.37E-08	2.38E-08	2.37E-08	1.58E-08	6.91E-09	4.76E-07
516	560952.95	4192109.38	3.16E-07	2.23E-07	3.19E-08	3.20E-08	3.19E-08	2.37E-08	1.44E-08	6.73E-07	2.26E-07	1.74E-07	2.48E-08	2.48E-08	2.48E-08	1.65E-08	7.23E-09	4.98E-07
517	560965.9	4192100.85	3.29E-07	2.32E-07	3.33E-08	3.34E-08	3.33E-08	2.47E-08	1.50E-08	7.01E-07	2.35E-07	1.81E-07	2.58E-08	2.59E-08	2.58E-08	1.72E-08	7.53E-09	5.18E-07
518	560897.08	4192199.52	3.27E-07	2.30E-07	3.30E-08	3.31E-08	3.30E-08	2.45E-08	1.49E-08	6.96E-07	2.34E-07	1.80E-07	2.56E-08	2.57E-08	2.56E-08	1.71E-08	7.48E-09	5.15E-07
519	560893.78	4192215.51	3.38E-07	2.38E-07	3.42E-08	3.43E-08	3.42E-08	2.53E-08	1.54E-08	7.19E-07	2.42E-07	1.86E-07	2.65E-08	2.66E-08	2.65E-08	1.77E-08	7.73E-09	5.32E-07
520	560892.31	4192182.78	2.96E-07	2.09E-07	2.99E-08	3.00E-08	2.99E-08	2.22E-08	1.34E-08	6.30E-07	2.12E-07	1.63E-07	2.32E-08	2.33E-08	2.32E-08	1.55E-08	6.77E-09	4.66E-07
521	560899.05	4192169.33	2.92E-07	2.06E-07	2.95E-08	2.96E-08	2.95E-08	2.19E-08	1.33E-08	6.22E-07	2.09E-07	1.61E-07	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.69E-09	4.60E-07
522	560905.8	4192155.88	2.89E-07	2.04E-07	2.92E-08	2.93E-08	2.92E-08	2.17E-08	1.31E-08	6.16E-07	2.07E-07	1.59E-07	2.27E-08	2.27E-08	2.27E-08	1.51E-08	6.62E-09	4.56E-07
523	560912.55	4192142.44	2.85E-07	2.01E-07	2.88E-08	2.88E-08	2.88E-08	2.13E-08	1.29E-08	6.06E-07	2.03E-07	1.56E-						

527	560957.45	4192094.85	3.02E-07	2.13E-07	3.06E-08	3.06E-08	3.06E-08	2.27E-08	1.37E-08	6.43E-07	2.16E-07	1.66E-07	2.37E-08	2.38E-08	2.37E-08	1.58E-08	6.92E-09	4.76E-07
528	560970.01	4192086.57	3.13E-07	2.21E-07	3.17E-08	3.18E-08	3.17E-08	2.35E-08	1.42E-08	6.67E-07	2.24E-07	1.72E-07	2.46E-08	2.46E-08	2.46E-08	1.64E-08	7.17E-09	4.94E-07
529	560887.28	4192197.5	3.03E-07	2.13E-07	3.06E-08	3.07E-08	3.06E-08	2.27E-08	1.38E-08	6.44E-07	2.16E-07	1.66E-07	2.37E-08	2.38E-08	2.37E-08	1.58E-08	6.92E-09	4.77E-07
530	560883.98	4192213.49	3.12E-07	2.20E-07	3.15E-08	3.16E-08	3.15E-08	2.34E-08	1.42E-08	6.64E-07	2.23E-07	1.71E-07	2.44E-08	2.45E-08	2.44E-08	1.63E-08	7.13E-09	4.91E-07
531	560882.72	4192180.34	2.75E-07	1.94E-07	2.78E-08	2.79E-08	2.78E-08	2.06E-08	1.25E-08	5.85E-07	1.97E-07	1.51E-07	2.15E-08	2.16E-08	2.15E-08	1.44E-08	6.29E-09	4.33E-07
532	560889.89	4192166.05	2.72E-07	1.92E-07	2.75E-08	2.76E-08	2.75E-08	2.04E-08	1.24E-08	5.79E-07	1.95E-07	1.49E-07	2.13E-08	2.14E-08	2.13E-08	1.42E-08	6.22E-09	4.28E-07
533	560897.06	4192151.76	2.68E-07	1.89E-07	2.71E-08	2.72E-08	2.71E-08	2.01E-08	1.22E-08	5.71E-07	1.92E-07	1.47E-07	2.10E-08	2.11E-08	2.10E-08	1.40E-08	6.13E-09	4.22E-07
534	560904.23	4192137.48	2.63E-07	1.86E-07	2.66E-08	2.67E-08	2.66E-08	1.98E-08	1.20E-08	5.61E-07	1.88E-07	1.45E-07	2.07E-08	2.07E-08	2.07E-08	1.38E-08	6.03E-09	4.15E-07
535	560911.4	4192123.19	2.59E-07	1.82E-07	2.61E-08	2.62E-08	2.61E-08	1.94E-08	1.17E-08	5.50E-07	1.85E-07	1.42E-07	2.03E-08	2.03E-08	2.03E-08	1.35E-08	5.92E-09	4.07E-07
536	560925.24	4192104.5	2.58E-07	1.82E-07	2.61E-08	2.61E-08	2.61E-08	1.93E-08	1.17E-08	5.49E-07	1.84E-07	1.42E-07	2.02E-08	2.03E-08	2.02E-08	1.35E-08	5.90E-09	4.06E-07
537	560938.59	4192095.71	2.69E-07	1.90E-07	2.72E-08	2.73E-08	2.72E-08	2.02E-08	1.22E-08	5.73E-07	1.92E-07	1.48E-07	2.11E-08	2.12E-08	2.11E-08	1.41E-08	6.16E-09	4.24E-07
538	560951.94	4192086.91	2.81E-07	1.98E-07	2.84E-08	2.85E-08	2.84E-08	2.10E-08	1.28E-08	5.98E-07	2.01E-07	1.54E-07	2.20E-08	2.21E-08	2.20E-08	1.47E-08	6.42E-09	4.42E-07
539	560965.28	4192078.12	2.92E-07	2.06E-07	2.95E-08	2.96E-08	2.95E-08	2.19E-08	1.33E-08	6.21E-07	2.09E-07	1.60E-07	2.29E-08	2.29E-08	2.29E-08	1.52E-08	6.68E-09	4.60E-07
540	560978.63	4192069.32	3.02E-07	2.13E-07	3.05E-08	3.06E-08	3.05E-08	2.26E-08	1.37E-08	6.42E-07	2.16E-07	1.66E-07	2.37E-08	2.37E-08	2.37E-08	1.58E-08	6.90E-09	4.75E-07
541	560877.49	4192195.47	2.80E-07	1.98E-07	2.83E-08	2.84E-08	2.83E-08	2.10E-08	1.27E-08	5.97E-07	2.01E-07	1.54E-07	2.20E-08	2.20E-08	2.20E-08	1.47E-08	6.42E-09	4.42E-07
542	560874.19	4192211.46	2.88E-07	2.03E-07	2.92E-08	2.92E-08	2.92E-08	2.16E-08	1.31E-08	6.14E-07	2.06E-07	1.58E-07	2.26E-08	2.27E-08	2.26E-08	1.51E-08	6.60E-09	4.54E-07
543	560872.82	4192178.53	2.56E-07	1.80E-07	2.59E-08	2.59E-08	2.59E-08	1.92E-08	1.16E-08	5.45E-07	1.83E-07	1.41E-07	2.01E-08	2.01E-08	2.01E-08	1.34E-08	5.86E-09	4.03E-07
544	560879.78	4192164.66	2.54E-07	1.79E-07	2.56E-08	2.57E-08	2.56E-08	1.90E-08	1.15E-08	5.40E-07	1.81E-07	1.39E-07	1.99E-08	1.99E-08	1.99E-08	1.33E-08	5.80E-09	3.99E-07
545	560886.74	4192150.79	2.50E-07	1.76E-07	2.53E-08	2.53E-08	2.53E-08	1.87E-08	1.14E-08	5.32E-07	1.79E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.31E-08	5.72E-09	3.94E-07
546	560893.7	4192136.93	2.46E-07	1.73E-07	2.49E-08	2.49E-08	2.49E-08	1.84E-08	1.12E-08	5.24E-07	1.76E-07	1.35E-07	1.93E-08	1.93E-08	1.93E-08	1.29E-08	5.63E-09	3.88E-07
547	560900.66	4192123.06	2.42E-07	1.70E-07	2.44E-08	2.45E-08	2.44E-08	1.81E-08	1.10E-08	5.15E-07	1.73E-07	1.33E-07	1.89E-08	1.90E-08	1.89E-08	1.26E-08	5.53E-09	3.81E-07
548	560907.61	4192109.19	2.37E-07	1.67E-07	2.39E-08	2.40E-08	2.39E-08	1.78E-08	1.08E-08	5.04E-07	1.69E-07	1.30E-07	1.86E-08	1.86E-08	1.86E-08	1.24E-08	5.42E-09	3.73E-07
549	560917.57	4192097.99	2.39E-07	1.68E-07	2.41E-08	2.42E-08	2.41E-08	1.79E-08	1.08E-08	5.08E-07	1.71E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.25E-08	5.46E-09	3.76E-07
550	560930.52	4192089.45	2.49E-07	1.75E-07	2.51E-08	2.52E-08	2.51E-08	1.86E-08	1.13E-08	5.29E-07	1.78E-07	1.37E-07	1.95E-08	1.95E-08	1.95E-08	1.30E-08	5.69E-09	3.92E-07
551	560943.48	4192080.92	2.59E-07	1.83E-07	2.62E-08	2.63E-08	2.62E-08	1.94E-08	1.18E-08	5.51E-07	1.85E-07	1.42E-07	2.03E-08	2.04E-08	2.03E-08	1.35E-08	5.93E-09	4.08E-07
552	560956.43	4192072.38	2.69E-07	1.90E-07	2.72E-08	2.73E-08	2.72E-08	2.02E-08	1.22E-08	5.73E-07	1.92E-07	1.48E-07	2.11E-08	2.12E-08	2.11E-08	1.41E-08	6.16E-09	4.24E-07
553	560969.39	4192063.84	2.79E-07	1.96E-07	2.82E-08	2.82E-08	2.82E-08	2.09E-08	1.27E-08	5.93E-07	1.99E-07	1.53E-07	2.18E-08	2.19E-08	2.18E-08	1.46E-08	6.37E-09	4.39E-07
554	560867.7	4192193.45	2.61E-07	1.84E-07	2.64E-08	2.64E-08	2.64E-08	1.95E-08	1.18E-08	5.55E-07	1.86E-07	1.43E-07	2.04E-08	2.05E-08	2.04E-08	1.36E-08	5.97E-09	4.11E-07
555	560864.4	4192209.44	2.68E-07	1.89E-07	2.71E-08	2.71E-08	2.71E-08	2.01E-08	1.22E-08	5.70E-07	1.91E-07	1.47E-07	2.10E-08	2.10E-08	2.10E-08	1.40E-08	6.12E-09	4.22E-07
556	560862.94	4192176.68	2.39E-07	1.68E-07	2.42E-08	2.42E-08	2.42E-08	1.79E-08	1.09E-08	5.09E-07	1.71E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.25E-08	5.47E-09	3.76E-07
557	560869.72	4192163.17	2.36E-07	1.66E-07	2.38E-08	2.39E-08	2.38E-08	1.77E-08	1.07E-08	5.02E-07	1.69E-07	1.30E-07	1.85E-08	1.85E-08	1.85E-08	1.23E-08	5.40E-09	3.72E-07
558	560876.5	4192149.66	2.33E-07	1.64E-07	2.36E-08	2.36E-08	2.36E-08	1.75E-08	1.06E-08	4.96E-07	1.67E-07	1.28E-07	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.33E-09	3.67E-07
559	560883.28	4192136.15	2.30E-07	1.62E-07	2.32E-08	2.33E-08	2.32E-08	1.72E-08	1.04E-08	4.89E-07	1.64E-07	1.26E-07	1.80E-08	1.81E-08	1.80E-08	1.20E-08	5.26E-09	3.62E-07
560	560890.06	4192122.64	2.26E-07	1.60E-07	2.29E-08	2.29E-08	2.29E-08	1.70E-08	1.03E-08	4.82E-07	1.62E-07	1.24E-07	1.77E-08	1.78E-08	1.77E-08	1.18E-08	5.18E-09	3.57E-07
561	560896.84	4192109.13	2.22E-07	1.56E-07	2.24E-08	2.25E-08	2.24E-08	1.66E-08	1.01E-08	4.73E-07	1.59E-07	1.22E-07	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.08E-09	3.50E-07
562	560909.93	4192091.46	2.22E-07	1.56E-07	2.24E-08	2.24E-08	2.24E-08	1.66E-08	1.01E-08	4.72E-07	1.58E-07	1.22E-07	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.07E-09	3.49E-07
563	560922.55	4192083.14	2.30E-07	1.62E-07	2.33E-08	2.34E-08	2.33E-08	1.73E-08	1.05E-08	4.90E-07	1.65E-07	1.27E-07	1.81E-08	1.81E-08	1.81E-08	1.20E-08	5.27E-09	3.63E-07
564	560935.17	4192074.82	2.40E-07	1.69E-07	2.42E-08	2.43E-08	2.42E-08	1.80E-08	1.09E-08	5.10E-07	1.71E-07	1.32E-07	1.88E-08	1.88E-08	1.88E-08	1.25E-08	5.48E-09	3.77E-07
565	560947.8	4192066.5	2.49E-07	1.75E-07	2.51E-08	2.52E-08	2.51E-08	1.87E-08	1.13E-08	5.30E-07	1.78E-07	1.37E-07	1.95E-08	1.96E-08	1.95E-08	1.30E-08	5.69E-09	3.92E-07
566	560960.42	4192058.19	2.58E-07	1.82E-07	2.60E-08	2.61E-08	2.60E-08	1.93E-08	1.17E-08	5.48E-07	1.84E-07	1.42E-07	2.02E-08	2.02E-08	2.02E-08	1.35E-08	5.89E-09	4.06E-07
567	560973.04	4192049.87	2.66E-07	1.87E-07	2.69E-08	2.69E-08	2.69E-08	1.99E-08	1.21E-08	5.66E-07	1.90E-07	1.46E-07	2.08E-08	2.09E-08	2.08E-08	1.39E-08	6.08E-09	4.18E-07
568	560857.9	4192191.43	2.43E-07	1.71E-07	2.46E-08	2.46E-08	2.46E-08	1.82E-08	1.11E-08	5.18E-07	1.74E-07	1.34E-07	1.91E-08	1.91E-08	1.91E-08	1.27E-08	5.56E-09	3.83E-07
569	560854.6	4192207.42	2.49E-07	1.76E-07	2.52E-08	2.53E-08	2.52E-08	1.87E-08	1.13E-08	5.31E-07	1.78E-07	1.37E-07	1.95E-08	1.96E-08	1.95E-08	1.30E-08	5.70E-09	3.93E-07
570	560853.33	4192174.3	2.24E-07	1.58E-07	2.26E-08	2.27E-08	2.26E-08	1.68E-08	1.02E-08	4.76E-07	1.60E-07	1.23E-07	1.75E-08	1.76E-08	1.75E-08	1.17E-08	5.12E-09	3.52E-07
571	560860.46	4192160.08	2.21E-07	1.56E-07	2.23E-08	2.24E-08	2.23E-08	1.66E-08	1.00E-08	4.70E-07	1.58E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.15E-08	5.05E-09	3.48E-07
572	560867.6	4192145.86	2.18E-07	1.54E-07	2.20E-08	2.21E-08	2.20E-08	1.63E-08	9.90E-09	4.64E-07	1.56E-07	1.20E-07	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.98E-09	3.43E-07
573	560874.74	4192131.64	2.14E-07	1.51E-07	2.17E-08	2.17E-08	2.17E-08	1.61E-08	9.73E-09	4.56E-07	1.53E-07	1.18E-07	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.90E-09	3.37E-07
574	560881.87	4192117.42	2.11E-07	1.48E-07	2.13E-08	2.13E-08	2.13E-08	1.58E-08	9.57E-09	4.48E-07	1.51E-07	1.16E-07	1.65E-08	1.66E-08	1.65E-08	1.10E-08	4.82E-09	3.32E-07
575	560889.01	4192103.19	2.06E-07	1.46E-07	2.09E-08	2.09E-08	2.09E-08	1.55E-08	9.38E-09	4.40E-07	1.48E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.08E-08	4.72E-09	3.25E-07
576	560902.79	4192084.59	2.06E-07	1.46E-07	2.09E-08	2.09E-08	2.09E-08	1.55E-08	9.38E-09	4.40E-07	1.48E-07	1.13E-07						

580	560955.94	4192049.57	2.42E-07	1.70E-07	2.44E-08	2.45E-08	2.44E-08	1.81E-08	1.10E-08	5.14E-07	1.73E-07	1.33E-07	1.89E-08	1.90E-08	1.89E-08	1.26E-08	5.53E-09	3.80E-07
581	560969.22	4192040.82	2.49E-07	1.76E-07	2.52E-08	2.53E-08	2.52E-08	1.87E-08	1.13E-08	5.31E-07	1.78E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.30E-08	5.71E-09	3.93E-07
582	560848.11	4192189.41	2.27E-07	1.60E-07	2.30E-08	2.31E-08	2.30E-08	1.71E-08	1.03E-08	4.84E-07	1.63E-07	1.25E-07	1.78E-08	1.79E-08	1.78E-08	1.19E-08	5.20E-09	3.58E-07
583	560844.81	4192205.4	2.33E-07	1.64E-07	2.35E-08	2.36E-08	2.35E-08	1.74E-08	1.06E-08	4.96E-07	1.66E-07	1.28E-07	1.82E-08	1.83E-08	1.82E-08	1.22E-08	5.33E-09	3.67E-07
584	560843.44	4192172.46	2.10E-07	1.48E-07	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.54E-09	4.47E-07	1.50E-07	1.15E-07	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.81E-09	3.31E-07
585	560850.4	4192158.59	2.08E-07	1.46E-07	2.10E-08	2.10E-08	2.10E-08	1.56E-08	9.43E-09	4.42E-07	1.48E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.08E-08	4.75E-09	3.27E-07
586	560857.36	4192144.73	2.05E-07	1.44E-07	2.07E-08	2.08E-08	2.07E-08	1.54E-08	9.31E-09	4.36E-07	1.47E-07	1.13E-07	1.61E-08	1.61E-08	1.61E-08	1.07E-08	4.69E-09	3.23E-07
587	560864.32	4192130.86	2.02E-07	1.42E-07	2.04E-08	2.04E-08	2.04E-08	1.51E-08	9.16E-09	4.29E-07	1.44E-07	1.11E-07	1.58E-08	1.58E-08	1.58E-08	1.05E-08	4.61E-09	3.17E-07
588	560871.27	4192116.99	1.98E-07	1.40E-07	2.00E-08	2.01E-08	2.00E-08	1.48E-08	9.00E-09	4.21E-07	1.42E-07	1.09E-07	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	3.12E-07
589	560878.23	4192103.13	1.94E-07	1.37E-07	1.96E-08	1.97E-08	1.96E-08	1.46E-08	8.83E-09	4.14E-07	1.39E-07	1.07E-07	1.52E-08	1.53E-08	1.52E-08	1.02E-08	4.45E-09	3.06E-07
590	560885.19	4192089.26	1.91E-07	1.34E-07	1.93E-08	1.93E-08	1.93E-08	1.43E-08	8.67E-09	4.06E-07	1.36E-07	1.05E-07	1.50E-08	1.50E-08	1.50E-08	9.97E-09	4.36E-09	3.00E-07
591	560895.15	4192078.06	1.93E-07	1.36E-07	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	4.10E-07	1.38E-07	1.06E-07	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	3.03E-07
592	560908.1	4192069.52	2.00E-07	1.41E-07	2.02E-08	2.03E-08	2.02E-08	1.50E-08	9.09E-09	4.26E-07	1.43E-07	1.10E-07	1.57E-08	1.57E-08	1.57E-08	1.05E-08	4.58E-09	3.15E-07
593	560921.06	4192060.99	2.08E-07	1.47E-07	2.10E-08	2.11E-08	2.10E-08	1.56E-08	9.45E-09	4.43E-07	1.49E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.09E-08	4.76E-09	3.28E-07
594	560934.01	4192052.45	2.16E-07	1.52E-07	2.18E-08	2.19E-08	2.18E-08	1.62E-08	9.82E-09	4.60E-07	1.55E-07	1.19E-07	1.69E-08	1.70E-08	1.69E-08	1.13E-08	4.94E-09	3.40E-07
595	560946.97	4192043.91	2.24E-07	1.58E-07	2.27E-08	2.27E-08	2.27E-08	1.68E-08	1.02E-08	4.77E-07	1.60E-07	1.23E-07	1.76E-08	1.76E-08	1.76E-08	1.17E-08	5.13E-09	3.53E-07
596	560959.92	4192035.38	2.32E-07	1.63E-07	2.34E-08	2.35E-08	2.34E-08	1.74E-08	1.05E-08	4.93E-07	1.66E-07	1.27E-07	1.82E-08	1.82E-08	1.82E-08	1.21E-08	5.30E-09	3.65E-07
597	560838.31	4192187.39	2.13E-07	1.50E-07	2.16E-08	2.16E-08	2.16E-08	1.60E-08	9.69E-09	4.54E-07	1.53E-07	1.17E-07	1.67E-08	1.68E-08	1.67E-08	1.11E-08	4.88E-09	3.36E-07
598	560835.01	4192203.38	2.18E-07	1.54E-07	2.20E-08	2.21E-08	2.20E-08	1.63E-08	9.91E-09	4.64E-07	1.56E-07	1.20E-07	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.99E-09	3.43E-07
599	560833.82	4192170.11	1.98E-07	1.39E-07	2.00E-08	2.00E-08	2.00E-08	1.48E-08	8.98E-09	4.21E-07	1.41E-07	1.09E-07	1.55E-08	1.55E-08	1.55E-08	1.03E-08	4.52E-09	3.11E-07
600	560841.1	4192155.58	1.95E-07	1.38E-07	1.98E-08	1.98E-08	1.98E-08	1.46E-08	8.88E-09	4.16E-07	1.40E-07	1.07E-07	1.53E-08	1.54E-08	1.53E-08	1.02E-08	4.47E-09	3.08E-07
601	560848.39	4192141.06	1.93E-07	1.36E-07	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	4.10E-07	1.38E-07	1.06E-07	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	3.03E-07
602	560855.68	4192126.53	1.89E-07	1.33E-07	1.91E-08	1.92E-08	1.91E-08	1.42E-08	8.60E-09	4.03E-07	1.35E-07	1.04E-07	1.48E-08	1.49E-08	1.48E-08	9.89E-09	4.33E-09	2.98E-07
603	560862.97	4192112	1.86E-07	1.31E-07	1.88E-08	1.89E-08	1.88E-08	1.39E-08	8.45E-09	3.96E-07	1.33E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	9.72E-09	4.26E-09	2.93E-07
604	560870.26	4192097.48	1.82E-07	1.28E-07	1.84E-08	1.85E-08	1.84E-08	1.37E-08	8.28E-09	3.88E-07	1.30E-07	1.00E-07	1.43E-08	1.43E-08	1.43E-08	9.53E-09	4.17E-09	2.87E-07
605	560877.55	4192082.95	1.79E-07	1.26E-07	1.81E-08	1.81E-08	1.81E-08	1.34E-08	8.12E-09	3.80E-07	1.28E-07	9.81E-08	1.40E-08	1.40E-08	1.40E-08	9.33E-09	4.09E-09	2.81E-07
606	560887.98	4192071.21	1.80E-07	1.27E-07	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.19E-09	3.84E-07	1.29E-07	9.90E-08	1.41E-08	1.42E-08	1.41E-08	9.42E-09	4.12E-09	2.84E-07
607	560901.55	4192062.27	1.87E-07	1.32E-07	1.89E-08	1.90E-08	1.89E-08	1.40E-08	8.52E-09	3.99E-07	1.34E-07	1.03E-07	1.47E-08	1.47E-08	1.47E-08	9.79E-09	4.29E-09	2.95E-07
608	560915.12	4192053.33	1.95E-07	1.37E-07	1.97E-08	1.98E-08	1.97E-08	1.46E-08	8.86E-09	4.15E-07	1.39E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.46E-09	3.07E-07
609	560928.7	4192044.38	2.03E-07	1.43E-07	2.05E-08	2.06E-08	2.05E-08	1.52E-08	9.22E-09	4.32E-07	1.45E-07	1.11E-07	1.59E-08	1.59E-08	1.59E-08	1.06E-08	4.64E-09	3.20E-07
610	560942.27	4192035.44	2.11E-07	1.49E-07	2.13E-08	2.14E-08	2.13E-08	1.58E-08	9.58E-09	4.49E-07	1.51E-07	1.16E-07	1.65E-08	1.66E-08	1.65E-08	1.10E-08	4.82E-09	3.32E-07
611	560955.84	4192026.5	2.18E-07	1.54E-07	2.21E-08	2.21E-08	2.21E-08	1.64E-08	9.92E-09	4.65E-07	1.56E-07	1.20E-07	1.71E-08	1.72E-08	1.71E-08	1.14E-08	4.99E-09	3.44E-07
612	560828.52	4192185.37	2.01E-07	1.41E-07	2.03E-08	2.03E-08	2.03E-08	1.50E-08	9.11E-09	4.27E-07	1.43E-07	1.10E-07	1.57E-08	1.58E-08	1.57E-08	1.05E-08	4.59E-09	3.16E-07
613	560825.22	4192201.36	2.05E-07	1.44E-07	2.07E-08	2.07E-08	2.07E-08	1.53E-08	9.30E-09	4.36E-07	1.46E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.07E-08	4.68E-09	3.22E-07
614	560823.93	4192168.27	1.86E-07	1.31E-07	1.88E-08	1.89E-08	1.88E-08	1.40E-08	8.47E-09	3.97E-07	1.33E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	9.74E-09	4.26E-09	2.94E-07
615	560831.05	4192154.09	1.85E-07	1.30E-07	1.87E-08	1.87E-08	1.87E-08	1.39E-08	8.40E-09	3.94E-07	1.32E-07	1.02E-07	1.45E-08	1.45E-08	1.45E-08	9.66E-09	4.23E-09	2.91E-07
616	560838.16	4192139.92	1.82E-07	1.28E-07	1.84E-08	1.85E-08	1.84E-08	1.37E-08	8.28E-09	3.88E-07	1.30E-07	1.00E-07	1.43E-08	1.43E-08	1.43E-08	9.52E-09	4.17E-09	2.87E-07
617	560845.27	4192125.74	1.79E-07	1.26E-07	1.81E-08	1.81E-08	1.81E-08	1.34E-08	8.14E-09	3.81E-07	1.28E-07	9.84E-08	1.40E-08	1.41E-08	1.40E-08	9.36E-09	4.10E-09	2.82E-07
618	560852.38	4192111.57	1.76E-07	1.24E-07	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.01E-09	3.75E-07	1.26E-07	9.68E-08	1.38E-08	1.39E-08	1.38E-08	9.21E-09	4.03E-09	2.78E-07
619	560859.5	4192097.39	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.87E-09	3.69E-07	1.24E-07	9.51E-08	1.36E-08	1.36E-08	1.36E-08	9.05E-09	3.96E-09	2.73E-07
620	560866.61	4192083.22	1.69E-07	1.19E-07	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.70E-09	3.61E-07	1.21E-07	9.31E-08	1.33E-08	1.33E-08	1.33E-08	8.86E-09	3.88E-09	2.67E-07
621	560880.34	4192064.68	1.69E-07	1.19E-07	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.68E-09	3.60E-07	1.21E-07	9.28E-08	1.32E-08	1.33E-08	1.32E-08	8.83E-09	3.87E-09	2.66E-07
622	560893.59	4192055.95	1.75E-07	1.24E-07	1.77E-08	1.78E-08	1.77E-08	1.31E-08	7.97E-09	3.73E-07	1.25E-07	9.63E-08	1.37E-08	1.38E-08	1.37E-08	9.16E-09	4.01E-09	2.76E-07
623	560906.83	4192047.23	1.82E-07	1.28E-07	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.27E-09	3.87E-07	1.30E-07	9.99E-08	1.43E-08	1.43E-08	1.43E-08	9.51E-09	4.16E-09	2.86E-07
624	560920.07	4192038.5	1.89E-07	1.33E-07	1.91E-08	1.92E-08	1.91E-08	1.42E-08	8.59E-09	4.02E-07	1.35E-07	1.04E-07	1.48E-08	1.49E-08	1.48E-08	9.88E-09	4.32E-09	2.98E-07
625	560933.31	4192029.77	1.96E-07	1.38E-07	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.92E-09	4.18E-07	1.40E-07	1.08E-07	1.54E-08	1.54E-08	1.54E-08	1.03E-08	4.49E-09	3.09E-07
626	560946.56	4192021.05	2.03E-07	1.43E-07	2.05E-08	2.06E-08	2.05E-08	1.52E-08	9.23E-09	4.33E-07	1.45E-07	1.12E-07	1.59E-08	1.60E-08	1.59E-08	1.06E-08	4.65E-09	3.20E-07
627	560959.8	4192012.32	2.10E-07	1.48E-07	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.53E-09	4.47E-07	1.50E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.10E-08	4.80E-09	3.30E-07
628	560818.73	4192183.35	1.89E-07	1.33E-07	1.91E-08	1.92E-08	1.91E-08	1.42E-08	8.59E-09	4.02E-07	1.35E-07	1.04E-07	1.48E-08	1.49E-08	1.48E-08	9.88E-09	4.32E-09	2.98E-07
629	560815.43	4192199.34	1.93E-07	1.36E-07	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	4.10E-07	1.38E-07	1.06E-07						

633	560834.94	4192124.8	1.70E-07	1.20E-07	1.72E-08	1.72E-08	1.72E-08	1.27E-08	7.73E-09	3.62E-07	1.22E-07	9.34E-08	1.33E-08	1.34E-08	1.33E-08	8.89E-09	3.89E-09	2.68E-07
634	560841.89	4192110.93	1.67E-07	1.18E-07	1.69E-08	1.70E-08	1.69E-08	1.25E-08	7.60E-09	3.56E-07	1.20E-07	9.19E-08	1.31E-08	1.32E-08	1.31E-08	8.74E-09	3.83E-09	2.64E-07
635	560848.85	4192097.06	1.64E-07	1.16E-07	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.46E-09	3.50E-07	1.17E-07	9.02E-08	1.29E-08	1.29E-08	1.29E-08	8.58E-09	3.76E-09	2.59E-07
636	560855.81	4192083.2	1.61E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.32E-09	3.43E-07	1.15E-07	8.85E-08	1.26E-08	1.27E-08	1.26E-08	8.42E-09	3.69E-09	2.54E-07
637	560862.77	4192069.33	1.58E-07	1.11E-07	1.60E-08	1.60E-08	1.60E-08	1.18E-08	7.18E-09	3.36E-07	1.13E-07	8.67E-08	1.24E-08	1.24E-08	1.24E-08	8.25E-09	3.61E-09	2.49E-07
638	560872.72	4192058.13	1.59E-07	1.12E-07	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.23E-09	3.39E-07	1.14E-07	8.73E-08	1.25E-08	1.25E-08	1.25E-08	8.31E-09	3.64E-09	2.50E-07
639	560885.68	4192049.59	1.65E-07	1.16E-07	1.66E-08	1.67E-08	1.66E-08	1.23E-08	7.48E-09	3.50E-07	1.18E-07	9.04E-08	1.29E-08	1.29E-08	1.29E-08	8.60E-09	3.77E-09	2.59E-07
640	560898.63	4192041.06	1.70E-07	1.20E-07	1.72E-08	1.73E-08	1.72E-08	1.28E-08	7.74E-09	3.63E-07	1.22E-07	9.35E-08	1.33E-08	1.34E-08	1.33E-08	8.90E-09	3.90E-09	2.68E-07
641	560911.59	4192032.52	1.76E-07	1.24E-07	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.02E-09	3.76E-07	1.26E-07	9.69E-08	1.38E-08	1.39E-08	1.38E-08	9.22E-09	4.04E-09	2.78E-07
642	560924.54	4192023.98	1.83E-07	1.29E-07	1.85E-08	1.86E-08	1.85E-08	1.37E-08	8.32E-09	3.90E-07	1.31E-07	1.01E-07	1.43E-08	1.44E-08	1.43E-08	9.57E-09	4.19E-09	2.88E-07
643	560937.5	4192015.45	1.90E-07	1.34E-07	1.92E-08	1.92E-08	1.92E-08	1.42E-08	8.61E-09	4.04E-07	1.36E-07	1.04E-07	1.49E-08	1.49E-08	1.49E-08	9.91E-09	4.34E-09	2.99E-07
644	560950.45	4192006.91	1.96E-07	1.38E-07	1.98E-08	1.98E-08	1.98E-08	1.47E-08	8.90E-09	4.17E-07	1.40E-07	1.08E-07	1.53E-08	1.54E-08	1.53E-08	1.02E-08	4.48E-09	3.08E-07
645	560808.93	4192181.33	1.78E-07	1.26E-07	1.80E-08	1.81E-08	1.80E-08	1.34E-08	8.11E-09	3.80E-07	1.28E-07	9.80E-08	1.40E-08	1.40E-08	1.40E-08	9.33E-09	4.08E-09	2.81E-07
646	560805.63	4192197.32	1.82E-07	1.28E-07	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.26E-09	3.87E-07	1.30E-07	9.98E-08	1.42E-08	1.43E-08	1.42E-08	9.49E-09	4.16E-09	2.86E-07
647	560804.41	4192164.09	1.67E-07	1.18E-07	1.69E-08	1.69E-08	1.69E-08	1.25E-08	7.58E-09	3.55E-07	1.19E-07	9.16E-08	1.31E-08	1.31E-08	1.31E-08	8.72E-09	3.82E-09	2.63E-07
648	560811.66	4192149.64	1.66E-07	1.17E-07	1.67E-08	1.68E-08	1.67E-08	1.24E-08	7.53E-09	3.53E-07	1.18E-07	9.10E-08	1.30E-08	1.30E-08	1.30E-08	8.66E-09	3.79E-09	2.61E-07
649	560818.91	4192135.2	1.64E-07	1.15E-07	1.65E-08	1.66E-08	1.65E-08	1.23E-08	7.44E-09	3.48E-07	1.17E-07	8.99E-08	1.28E-08	1.29E-08	1.28E-08	8.55E-09	3.75E-09	2.58E-07
650	560826.16	4192120.75	1.61E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.32E-09	3.43E-07	1.15E-07	8.85E-08	1.26E-08	1.27E-08	1.26E-08	8.42E-09	3.69E-09	2.54E-07
651	560833.41	4192106.31	1.58E-07	1.11E-07	1.60E-08	1.60E-08	1.60E-08	1.18E-08	7.18E-09	3.37E-07	1.13E-07	8.68E-08	1.24E-08	1.24E-08	1.24E-08	8.26E-09	3.62E-09	2.49E-07
652	560840.65	4192091.87	1.55E-07	1.09E-07	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	3.30E-07	1.11E-07	8.51E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	2.44E-07
653	560847.9	4192077.42	1.52E-07	1.07E-07	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.90E-09	3.23E-07	1.09E-07	8.34E-08	1.19E-08	1.19E-08	1.19E-08	7.94E-09	3.47E-09	2.39E-07
654	560855.15	4192062.98	1.49E-07	1.05E-07	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.77E-09	3.17E-07	1.07E-07	8.18E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	2.35E-07
655	560865.52	4192051.31	1.50E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.12E-08	6.82E-09	3.19E-07	1.07E-07	8.24E-08	1.18E-08	1.18E-08	1.18E-08	7.84E-09	3.43E-09	2.36E-07
656	560879.01	4192042.42	1.55E-07	1.09E-07	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.06E-09	3.31E-07	1.11E-07	8.53E-08	1.22E-08	1.22E-08	1.22E-08	8.12E-09	3.55E-09	2.45E-07
657	560892.51	4192033.52	1.61E-07	1.13E-07	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.31E-09	3.42E-07	1.15E-07	8.84E-08	1.26E-08	1.26E-08	1.26E-08	8.41E-09	3.68E-09	2.53E-07
658	560906	4192024.63	1.66E-07	1.17E-07	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.56E-09	3.54E-07	1.19E-07	9.14E-08	1.30E-08	1.31E-08	1.30E-08	8.70E-09	3.81E-09	2.62E-07
659	560919.5	4192015.74	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.85E-09	3.68E-07	1.24E-07	9.49E-08	1.35E-08	1.36E-08	1.35E-08	9.03E-09	3.95E-09	2.72E-07
660	560932.99	4192006.85	1.79E-07	1.26E-07	1.81E-08	1.82E-08	1.81E-08	1.34E-08	8.14E-09	3.82E-07	1.28E-07	9.84E-08	1.40E-08	1.41E-08	1.40E-08	9.37E-09	4.10E-09	2.82E-07
661	560946.49	4191997.96	1.85E-07	1.31E-07	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.42E-09	3.95E-07	1.33E-07	1.02E-07	1.45E-08	1.46E-08	1.45E-08	9.69E-09	4.24E-09	2.92E-07
662	560799.14	4192179.31	1.69E-07	1.19E-07	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.67E-09	3.59E-07	1.21E-07	9.27E-08	1.32E-08	1.33E-08	1.32E-08	8.82E-09	3.86E-09	2.66E-07
663	560795.84	4192195.3	1.72E-07	1.21E-07	1.74E-08	1.74E-08	1.74E-08	1.29E-08	7.80E-09	3.65E-07	1.23E-07	9.43E-08	1.35E-08	1.35E-08	1.35E-08	8.97E-09	3.93E-09	2.70E-07
664	560794.54	4192162.22	1.58E-07	1.12E-07	1.60E-08	1.60E-08	1.60E-08	1.19E-08	7.19E-09	3.37E-07	1.13E-07	8.69E-08	1.24E-08	1.24E-08	1.24E-08	8.27E-09	3.62E-09	2.49E-07
665	560801.64	4192148.08	1.57E-07	1.11E-07	1.59E-08	1.59E-08	1.59E-08	1.18E-08	7.15E-09	3.35E-07	1.13E-07	8.64E-08	1.23E-08	1.24E-08	1.23E-08	8.22E-09	3.60E-09	2.48E-07
666	560808.73	4192133.94	1.56E-07	1.10E-07	1.57E-08	1.58E-08	1.57E-08	1.17E-08	7.07E-09	3.31E-07	1.11E-07	8.54E-08	1.22E-08	1.22E-08	1.22E-08	8.13E-09	3.56E-09	2.45E-07
667	560815.83	4192119.8	1.53E-07	1.08E-07	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	3.26E-07	1.10E-07	8.41E-08	1.20E-08	1.20E-08	1.20E-08	8.01E-09	3.50E-09	2.41E-07
668	560822.92	4192105.67	1.50E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.84E-09	3.20E-07	1.08E-07	8.26E-08	1.18E-08	1.18E-08	1.18E-08	7.86E-09	3.44E-09	2.37E-07
669	560830.02	4192091.53	1.48E-07	1.04E-07	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.70E-09	3.14E-07	1.05E-07	8.10E-08	1.16E-08	1.16E-08	1.16E-08	7.71E-09	3.38E-09	2.32E-07
670	560837.11	4192077.39	1.45E-07	1.02E-07	1.46E-08	1.47E-08	1.46E-08	1.08E-08	6.57E-09	3.08E-07	1.03E-07	7.94E-08	1.13E-08	1.14E-08	1.13E-08	7.56E-09	3.31E-09	2.28E-07
671	560844.2	4192063.25	1.42E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.44E-09	3.02E-07	1.01E-07	7.79E-08	1.11E-08	1.11E-08	1.11E-08	7.41E-09	3.24E-09	2.23E-07
672	560857.9	4192044.76	1.41E-07	9.96E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.42E-09	3.01E-07	1.01E-07	7.76E-08	1.11E-08	1.11E-08	1.11E-08	7.39E-09	3.23E-09	2.23E-07
673	560871.11	4192036.06	1.46E-07	1.03E-07	1.48E-08	1.48E-08	1.48E-08	1.09E-08	6.64E-09	3.11E-07	1.04E-07	8.02E-08	1.14E-08	1.15E-08	1.14E-08	7.63E-09	3.34E-09	2.30E-07
674	560884.32	4192027.35	1.51E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.87E-09	3.22E-07	1.08E-07	8.30E-08	1.18E-08	1.19E-08	1.18E-08	7.90E-09	3.46E-09	2.38E-07
675	560897.53	4192018.65	1.56E-07	1.10E-07	1.58E-08	1.58E-08	1.58E-08	1.17E-08	7.10E-09	3.33E-07	1.12E-07	8.58E-08	1.22E-08	1.23E-08	1.22E-08	8.16E-09	3.57E-09	2.46E-07
676	560910.74	4192009.94	1.62E-07	1.14E-07	1.63E-08	1.64E-08	1.63E-08	1.21E-08	7.35E-09	3.44E-07	1.16E-07	8.88E-08	1.27E-08	1.27E-08	1.27E-08	8.45E-09	3.70E-09	2.55E-07
677	560923.95	4192001.24	1.68E-07	1.18E-07	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.62E-09	3.57E-07	1.20E-07	9.21E-08	1.31E-08	1.32E-08	1.31E-08	8.76E-09	3.84E-09	2.64E-07
678	560937.16	4191992.54	1.73E-07	1.22E-07	1.75E-08	1.76E-08	1.75E-08	1.30E-08	7.88E-09	3.69E-07	1.24E-07	9.53E-08	1.36E-08	1.36E-08	1.36E-08	9.06E-09	3.97E-09	2.73E-07
679	560950.36	4191983.83	1.79E-07	1.26E-07	1.81E-08	1.81E-08	1.81E-08	1.34E-08	8.13E-09	3.81E-07	1.28E-07	9.83E-08	1.40E-08	1.41E-08	1.40E-08	9.35E-09	4.09E-09	2.82E-07
680	560789.35	4192177.28	1.60E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.27E-09	3.41E-07	1.14E-07	8.79E-08	1.25E-08	1.26E-08	1.25E-08	8.36E-09	3.66E-09	2.52E-07
681	560786.05	4192193.27	1.63E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.39E-09	3.46E-07	1.16E-07	8.93E-08	1.27E-08	1.28E-08	1.27E-08	8.49E-09	3.72E-09	2.56E-07
682	560784.68	4192160.33	1.50E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.83E-09	3.20E-07	1.08E-07	8.26E-08						

686	560812.51	4192104.87	1.43E-07	1.01E-07	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.52E-09	3.05E-07	1.03E-07	7.88E-08	1.12E-08	1.13E-08	1.12E-08	7.49E-09	3.28E-09	2.26E-07
687	560819.47	4192091	1.41E-07	9.92E-08	1.42E-08	1.43E-08	1.42E-08	1.05E-08	6.39E-09	2.99E-07	1.01E-07	7.73E-08	1.10E-08	1.11E-08	1.10E-08	7.35E-09	3.22E-09	2.22E-07
688	560826.43	4192077.13	1.38E-07	9.72E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.27E-09	2.94E-07	9.86E-08	7.57E-08	1.08E-08	1.08E-08	1.08E-08	7.21E-09	3.15E-09	2.17E-07
689	560833.39	4192063.27	1.35E-07	9.53E-08	1.37E-08	1.37E-08	1.37E-08	1.01E-08	6.14E-09	2.88E-07	9.67E-08	7.43E-08	1.06E-08	1.06E-08	1.06E-08	7.07E-09	3.09E-09	2.13E-07
690	560840.35	4192049.4	1.33E-07	9.35E-08	1.34E-08	1.34E-08	1.34E-08	9.95E-09	6.03E-09	2.82E-07	9.49E-08	7.29E-08	1.04E-08	1.04E-08	1.04E-08	6.93E-09	3.04E-09	2.09E-07
691	560850.3	4192038.2	1.33E-07	9.40E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.06E-09	2.84E-07	9.54E-08	7.33E-08	1.05E-08	1.05E-08	1.05E-08	6.97E-09	3.05E-09	2.10E-07
692	560863.26	4192029.66	1.38E-07	9.70E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.25E-09	2.93E-07	9.84E-08	7.55E-08	1.08E-08	1.08E-08	1.08E-08	7.19E-09	3.15E-09	2.17E-07
693	560876.21	4192021.13	1.42E-07	1.00E-07	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.46E-09	3.03E-07	1.02E-07	7.81E-08	1.11E-08	1.12E-08	1.11E-08	7.43E-09	3.25E-09	2.24E-07
694	560889.17	4192012.59	1.47E-07	1.04E-07	1.49E-08	1.49E-08	1.49E-08	1.10E-08	6.68E-09	3.13E-07	1.05E-07	8.08E-08	1.15E-08	1.16E-08	1.15E-08	7.69E-09	3.37E-09	2.32E-07
695	560902.12	4192004.05	1.52E-07	1.07E-07	1.53E-08	1.54E-08	1.53E-08	1.14E-08	6.89E-09	3.23E-07	1.09E-07	8.33E-08	1.19E-08	1.19E-08	1.19E-08	7.93E-09	3.47E-09	2.39E-07
696	560915.08	4191995.52	1.57E-07	1.11E-07	1.59E-08	1.59E-08	1.59E-08	1.18E-08	7.14E-09	3.34E-07	1.12E-07	8.63E-08	1.23E-08	1.23E-08	1.23E-08	8.21E-09	3.59E-09	2.47E-07
697	560928.03	4191986.98	1.63E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.39E-09	3.46E-07	1.16E-07	8.93E-08	1.27E-08	1.28E-08	1.27E-08	8.49E-09	3.72E-09	2.56E-07
698	560940.98	4191978.44	1.68E-07	1.18E-07	1.70E-08	1.70E-08	1.70E-08	1.26E-08	7.62E-09	3.57E-07	1.20E-07	9.22E-08	1.31E-08	1.32E-08	1.31E-08	8.77E-09	3.84E-09	2.64E-07
699	560779.55	4192175.26	1.52E-07	1.07E-07	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.90E-09	3.23E-07	1.09E-07	8.35E-08	1.19E-08	1.19E-08	1.19E-08	7.94E-09	3.48E-09	2.39E-07
700	560776.25	4192191.25	1.54E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.00E-09	3.28E-07	1.10E-07	8.46E-08	1.21E-08	1.21E-08	1.21E-08	8.05E-09	3.53E-09	2.43E-07
701	560775.02	4192158.06	1.43E-07	1.01E-07	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.50E-09	3.05E-07	1.02E-07	7.86E-08	1.12E-08	1.12E-08	1.12E-08	7.48E-09	3.27E-09	2.25E-07
702	560782.23	4192143.68	1.42E-07	1.00E-07	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.47E-09	3.03E-07	1.02E-07	7.82E-08	1.12E-08	1.12E-08	1.12E-08	7.44E-09	3.26E-09	2.24E-07
703	560789.45	4192129.3	1.41E-07	9.93E-08	1.42E-08	1.43E-08	1.42E-08	1.06E-08	6.40E-09	3.00E-07	1.01E-07	7.74E-08	1.10E-08	1.11E-08	1.10E-08	7.36E-09	3.22E-09	2.22E-07
704	560796.66	4192114.92	1.39E-07	9.78E-08	1.40E-08	1.41E-08	1.40E-08	1.04E-08	6.31E-09	2.95E-07	9.93E-08	7.62E-08	1.09E-08	1.09E-08	1.09E-08	7.25E-09	3.18E-09	2.19E-07
705	560803.88	4192100.54	1.36E-07	9.61E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.19E-09	2.90E-07	9.75E-08	7.49E-08	1.07E-08	1.07E-08	1.07E-08	7.12E-09	3.12E-09	2.15E-07
706	560811.09	4192086.16	1.34E-07	9.41E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.07E-09	2.84E-07	9.55E-08	7.34E-08	1.05E-08	1.05E-08	1.05E-08	6.98E-09	3.06E-09	2.10E-07
707	560818.31	4192071.78	1.31E-07	9.22E-08	1.32E-08	1.33E-08	1.32E-08	9.80E-09	5.94E-09	2.78E-07	9.35E-08	7.18E-08	1.03E-08	1.03E-08	1.03E-08	6.83E-09	2.99E-09	2.06E-07
708	560825.53	4192057.39	1.28E-07	9.03E-08	1.29E-08	1.30E-08	1.29E-08	9.60E-09	5.82E-09	2.73E-07	9.16E-08	7.04E-08	1.00E-08	1.01E-08	1.00E-08	6.69E-09	2.93E-09	2.02E-07
709	560832.74	4192043.01	1.26E-07	8.85E-08	1.27E-08	1.27E-08	1.27E-08	9.41E-09	5.71E-09	2.67E-07	8.98E-08	6.90E-08	9.84E-09	9.87E-09	9.84E-09	6.56E-09	2.87E-09	1.98E-07
710	560843.07	4192031.4	1.26E-07	8.90E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.73E-09	2.69E-07	9.03E-08	6.93E-08	9.89E-09	9.92E-09	9.89E-09	6.60E-09	2.89E-09	1.99E-07
711	560856.5	4192022.55	1.30E-07	9.17E-08	1.32E-08	1.32E-08	1.32E-08	9.75E-09	5.91E-09	2.77E-07	9.30E-08	7.15E-08	1.02E-08	1.02E-08	1.02E-08	6.80E-09	2.98E-09	2.05E-07
712	560869.94	4192013.69	1.34E-07	9.48E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	2.86E-07	9.62E-08	7.39E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	2.12E-07
713	560883.37	4192004.84	1.39E-07	9.82E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.33E-09	2.97E-07	9.96E-08	7.65E-08	1.09E-08	1.09E-08	1.09E-08	7.28E-09	3.19E-09	2.19E-07
714	560896.81	4191995.99	1.44E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.54E-09	3.07E-07	1.03E-07	7.91E-08	1.13E-08	1.13E-08	1.13E-08	7.53E-09	3.30E-09	2.27E-07
715	560910.24	4191987.13	1.49E-07	1.05E-07	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.77E-09	3.17E-07	1.07E-07	8.19E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	2.35E-07
716	560923.67	4191978.28	1.54E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	3.29E-07	1.10E-07	8.48E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	2.43E-07
717	560937.11	4191969.43	1.60E-07	1.12E-07	1.61E-08	1.62E-08	1.61E-08	1.20E-08	7.25E-09	3.40E-07	1.14E-07	8.76E-08	1.25E-08	1.25E-08	1.25E-08	8.34E-09	3.65E-09	2.51E-07
718	560769.76	4192173.24	1.44E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.56E-09	3.08E-07	1.03E-07	7.93E-08	1.13E-08	1.14E-08	1.13E-08	7.55E-09	3.30E-09	2.27E-07
719	560766.46	4192189.23	1.46E-07	1.03E-07	1.48E-08	1.48E-08	1.48E-08	1.10E-08	6.65E-09	3.12E-07	1.05E-07	8.04E-08	1.15E-08	1.15E-08	1.15E-08	7.65E-09	3.35E-09	2.30E-07
720	560765.16	4192156.17	1.36E-07	9.61E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	2.90E-07	9.75E-08	7.49E-08	1.07E-08	1.07E-08	1.07E-08	7.13E-09	3.12E-09	2.15E-07
721	560772.24	4192142.06	1.36E-07	9.57E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.17E-09	2.89E-07	9.71E-08	7.46E-08	1.06E-08	1.07E-08	1.06E-08	7.10E-09	3.11E-09	2.14E-07
722	560779.32	4192127.95	1.35E-07	9.48E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	2.86E-07	9.62E-08	7.39E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	2.12E-07
723	560786.4	4192113.84	1.33E-07	9.35E-08	1.34E-08	1.34E-08	1.34E-08	9.94E-09	6.03E-09	2.82E-07	9.49E-08	7.29E-08	1.04E-08	1.04E-08	1.04E-08	6.93E-09	3.03E-09	2.09E-07
724	560793.48	4192099.73	1.30E-07	9.19E-08	1.32E-08	1.32E-08	1.32E-08	9.77E-09	5.92E-09	2.77E-07	9.32E-08	7.16E-08	1.02E-08	1.02E-08	1.02E-08	6.81E-09	2.98E-09	2.05E-07
725	560800.56	4192085.62	1.28E-07	9.01E-08	1.29E-08	1.30E-08	1.29E-08	9.58E-09	5.81E-09	2.72E-07	9.14E-08	7.02E-08	1.00E-08	1.00E-08	1.00E-08	6.68E-09	2.92E-09	2.01E-07
726	560807.64	4192071.51	1.25E-07	8.82E-08	1.27E-08	1.27E-08	1.27E-08	9.38E-09	5.69E-09	2.67E-07	8.95E-08	6.88E-08	9.81E-09	9.84E-09	9.81E-09	6.54E-09	2.86E-09	1.97E-07
727	560814.72	4192057.4	1.23E-07	8.64E-08	1.24E-08	1.24E-08	1.24E-08	9.19E-09	5.57E-09	2.61E-07	8.77E-08	6.73E-08	9.61E-09	9.64E-09	9.61E-09	6.41E-09	2.80E-09	1.93E-07
728	560821.8	4192043.29	1.20E-07	8.47E-08	1.21E-08	1.22E-08	1.21E-08	9.01E-09	5.46E-09	2.56E-07	8.59E-08	6.60E-08	9.42E-09	9.44E-09	9.42E-09	6.28E-09	2.75E-09	1.89E-07
729	560835.47	4192024.84	1.19E-07	8.42E-08	1.21E-08	1.21E-08	1.21E-08	8.96E-09	5.43E-09	2.54E-07	8.55E-08	6.56E-08	9.36E-09	9.39E-09	9.36E-09	6.24E-09	2.73E-09	1.88E-07
730	560848.65	4192016.15	1.23E-07	8.67E-08	1.24E-08	1.25E-08	1.24E-08	9.22E-09	5.59E-09	2.62E-07	8.79E-08	6.75E-08	9.64E-09	9.66E-09	9.64E-09	6.42E-09	2.81E-09	1.94E-07
731	560861.83	4192007.47	1.27E-07	8.94E-08	1.28E-08	1.29E-08	1.28E-08	9.51E-09	5.76E-09	2.70E-07	9.07E-08	6.97E-08	9.94E-09	9.97E-09	9.94E-09	6.63E-09	2.90E-09	2.00E-07
732	560875.01	4191998.78	1.31E-07	9.25E-08	1.33E-08	1.33E-08	1.33E-08	9.83E-09	5.96E-09	2.79E-07	9.38E-08	7.21E-08	1.03E-08	1.03E-08	1.03E-08	6.86E-09	3.00E-09	2.07E-07
733	560888.19	4191990.09	1.36E-07	9.58E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.17E-09	2.89E-07	9.71E-08	7.46E-08	1.06E-08	1.07E-08	1.06E-08	7.10E-09	3.11E-09	2.14E-07
734	560901.38	4191981.41	1.40E-07	9.88E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	2.98E-07	1.00E-07	7.70E-08	1.10E-08	1.10E-08	1.10E-08	7.32E-09	3.21E-09	2.21E-07
735	560914.56	4191972.72	1.45E-07	1.02E-07	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.59E-09	3.09E-07	1.04E-07	7.96E-08						

739	560756.67	4192187.21	1.39E-07	9.81E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.32E-09	2.96E-07	9.95E-08	7.64E-08	1.09E-08	1.09E-08	1.09E-08	7.27E-09	3.18E-09	2.19E-07
740	560755.3	4192154.27	1.30E-07	9.17E-08	1.32E-08	1.32E-08	1.32E-08	9.75E-09	5.91E-09	2.77E-07	9.31E-08	7.15E-08	1.02E-08	1.02E-08	1.02E-08	6.80E-09	2.98E-09	2.05E-07
741	560762.26	4192140.4	1.30E-07	9.14E-08	1.31E-08	1.31E-08	1.31E-08	9.72E-09	5.89E-09	2.76E-07	9.28E-08	7.12E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
742	560769.22	4192126.54	1.29E-07	9.07E-08	1.30E-08	1.30E-08	1.30E-08	9.64E-09	5.84E-09	2.74E-07	9.20E-08	7.06E-08	1.01E-08	1.01E-08	1.01E-08	6.72E-09	2.94E-09	2.03E-07
743	560776.17	4192112.67	1.27E-07	8.95E-08	1.28E-08	1.29E-08	1.28E-08	9.51E-09	5.77E-09	2.70E-07	9.08E-08	6.97E-08	9.95E-09	9.98E-09	9.95E-09	6.63E-09	2.90E-09	2.00E-07
744	560783.13	4192098.8	1.25E-07	8.80E-08	1.26E-08	1.27E-08	1.26E-08	9.36E-09	5.67E-09	2.66E-07	8.93E-08	6.86E-08	9.78E-09	9.81E-09	9.78E-09	6.52E-09	2.86E-09	1.97E-07
745	560790.09	4192084.94	1.22E-07	8.63E-08	1.24E-08	1.24E-08	1.24E-08	9.18E-09	5.57E-09	2.61E-07	8.76E-08	6.73E-08	9.60E-09	9.63E-09	9.60E-09	6.40E-09	2.80E-09	1.93E-07
746	560797.05	4192071.07	1.20E-07	8.46E-08	1.21E-08	1.22E-08	1.21E-08	9.00E-09	5.45E-09	2.55E-07	8.58E-08	6.59E-08	9.41E-09	9.43E-09	9.41E-09	6.27E-09	2.75E-09	1.89E-07
747	560804.01	4192057.2	1.18E-07	8.28E-08	1.19E-08	1.19E-08	1.19E-08	8.81E-09	5.34E-09	2.50E-07	8.41E-08	6.46E-08	9.21E-09	9.24E-09	9.21E-09	6.14E-09	2.69E-09	1.85E-07
748	560810.96	4192043.34	1.15E-07	8.12E-08	1.16E-08	1.17E-08	1.16E-08	8.63E-09	5.23E-09	2.45E-07	8.23E-08	6.32E-08	9.02E-09	9.05E-09	9.02E-09	6.02E-09	2.63E-09	1.81E-07
749	560817.92	4192029.47	1.13E-07	7.96E-08	1.14E-08	1.14E-08	1.14E-08	8.47E-09	5.13E-09	2.40E-07	8.08E-08	6.20E-08	8.85E-09	8.88E-09	8.85E-09	5.90E-09	2.58E-09	1.78E-07
750	560827.88	4192018.27	1.13E-07	7.99E-08	1.15E-08	1.15E-08	1.15E-08	8.49E-09	5.15E-09	2.41E-07	8.10E-08	6.22E-08	8.88E-09	8.90E-09	8.88E-09	5.92E-09	2.59E-09	1.78E-07
751	560840.83	4192009.73	1.16E-07	8.20E-08	1.18E-08	1.18E-08	1.18E-08	8.72E-09	5.29E-09	2.48E-07	8.32E-08	6.39E-08	9.12E-09	9.15E-09	9.12E-09	6.08E-09	2.66E-09	1.83E-07
752	560853.79	4192001.2	1.20E-07	8.45E-08	1.21E-08	1.21E-08	1.21E-08	8.98E-09	5.45E-09	2.55E-07	8.57E-08	6.58E-08	9.39E-09	9.42E-09	9.39E-09	6.26E-09	2.74E-09	1.89E-07
753	560866.74	4191992.66	1.24E-07	8.72E-08	1.25E-08	1.25E-08	1.25E-08	9.28E-09	5.62E-09	2.63E-07	8.85E-08	6.80E-08	9.70E-09	9.73E-09	9.70E-09	6.47E-09	2.83E-09	1.95E-07
754	560879.7	4191984.12	1.28E-07	9.02E-08	1.29E-08	1.30E-08	1.29E-08	9.59E-09	5.82E-09	2.72E-07	9.15E-08	7.03E-08	1.00E-08	1.01E-08	1.00E-08	6.69E-09	2.93E-09	2.02E-07
755	560892.65	4191975.59	1.32E-07	9.32E-08	1.34E-08	1.34E-08	1.34E-08	9.91E-09	6.01E-09	2.82E-07	9.46E-08	7.26E-08	1.04E-08	1.04E-08	1.04E-08	6.91E-09	3.03E-09	2.08E-07
756	560905.61	4191967.05	1.36E-07	9.62E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	2.90E-07	9.76E-08	7.49E-08	1.07E-08	1.07E-08	1.07E-08	7.13E-09	3.12E-09	2.15E-07
757	560918.56	4191958.51	1.41E-07	9.94E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.41E-09	3.00E-07	1.01E-07	7.74E-08	1.11E-08	1.11E-08	1.11E-08	7.37E-09	3.23E-09	2.22E-07
758	560931.52	4191949.98	1.45E-07	1.03E-07	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.61E-09	3.10E-07	1.04E-07	7.99E-08	1.14E-08	1.14E-08	1.14E-08	7.60E-09	3.33E-09	2.29E-07
759	560750.17	4192169.2	1.31E-07	9.24E-08	1.32E-08	1.33E-08	1.32E-08	9.82E-09	5.96E-09	2.79E-07	9.37E-08	7.20E-08	1.03E-08	1.03E-08	1.03E-08	6.85E-09	3.00E-09	2.06E-07
760	560746.87	4192185.19	1.32E-07	9.34E-08	1.34E-08	1.34E-08	1.34E-08	9.93E-09	6.02E-09	2.82E-07	9.47E-08	7.27E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	2.09E-07
761	560745.62	4192152.02	1.24E-07	8.76E-08	1.26E-08	1.26E-08	1.26E-08	9.32E-09	5.65E-09	2.65E-07	8.89E-08	6.83E-08	9.74E-09	9.77E-09	9.74E-09	6.50E-09	2.84E-09	1.96E-07
762	560752.81	4192137.69	1.24E-07	8.74E-08	1.25E-08	1.26E-08	1.25E-08	9.29E-09	5.63E-09	2.64E-07	8.86E-08	6.81E-08	9.71E-09	9.74E-09	9.71E-09	6.48E-09	2.84E-09	1.95E-07
763	560760	4192123.36	1.23E-07	8.66E-08	1.24E-08	1.25E-08	1.24E-08	9.21E-09	5.58E-09	2.62E-07	8.79E-08	6.75E-08	9.63E-09	9.66E-09	9.63E-09	6.42E-09	2.81E-09	1.94E-07
764	560767.19	4192109.03	1.21E-07	8.55E-08	1.23E-08	1.23E-08	1.23E-08	9.09E-09	5.51E-09	2.58E-07	8.67E-08	6.66E-08	9.51E-09	9.53E-09	9.51E-09	6.34E-09	2.77E-09	1.91E-07
765	560774.38	4192094.7	1.19E-07	8.40E-08	1.21E-08	1.21E-08	1.21E-08	8.94E-09	5.42E-09	2.54E-07	8.53E-08	6.55E-08	9.34E-09	9.37E-09	9.34E-09	6.23E-09	2.73E-09	1.88E-07
766	560781.57	4192080.37	1.17E-07	8.24E-08	1.18E-08	1.18E-08	1.18E-08	8.76E-09	5.31E-09	2.49E-07	8.36E-08	6.42E-08	9.16E-09	9.19E-09	9.16E-09	6.11E-09	2.67E-09	1.84E-07
767	560788.76	4192066.05	1.14E-07	8.07E-08	1.16E-08	1.16E-08	1.16E-08	8.58E-09	5.20E-09	2.44E-07	8.18E-08	6.28E-08	8.97E-09	8.99E-09	8.97E-09	5.98E-09	2.62E-09	1.80E-07
768	560795.95	4192051.72	1.12E-07	7.89E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.09E-09	2.38E-07	8.01E-08	6.15E-08	8.77E-09	8.80E-09	8.77E-09	5.85E-09	2.56E-09	1.76E-07
769	560803.14	4192037.39	1.10E-07	7.72E-08	1.11E-08	1.11E-08	1.11E-08	8.21E-09	4.98E-09	2.33E-07	7.84E-08	6.02E-08	8.59E-09	8.61E-09	8.59E-09	5.73E-09	2.51E-09	1.73E-07
770	560810.33	4192023.06	1.07E-07	7.57E-08	1.09E-08	1.09E-08	1.09E-08	8.05E-09	4.88E-09	2.29E-07	7.68E-08	5.90E-08	8.42E-09	8.44E-09	8.42E-09	5.61E-09	2.46E-09	1.69E-07
771	560820.62	4192011.48	1.08E-07	7.59E-08	1.09E-08	1.09E-08	1.09E-08	8.07E-09	4.89E-09	2.29E-07	7.70E-08	5.91E-08	8.44E-09	8.46E-09	8.44E-09	5.63E-09	2.46E-09	1.70E-07
772	560834.01	4192002.66	1.11E-07	7.79E-08	1.12E-08	1.12E-08	1.12E-08	8.29E-09	5.02E-09	2.35E-07	7.91E-08	6.07E-08	8.66E-09	8.69E-09	8.66E-09	5.78E-09	2.53E-09	1.74E-07
773	560847.39	4191993.84	1.14E-07	8.03E-08	1.15E-08	1.15E-08	1.15E-08	8.53E-09	5.17E-09	2.42E-07	8.14E-08	6.25E-08	8.92E-09	8.95E-09	8.92E-09	5.95E-09	2.60E-09	1.79E-07
774	560860.78	4191985.02	1.18E-07	8.29E-08	1.19E-08	1.19E-08	1.19E-08	8.81E-09	5.34E-09	2.50E-07	8.41E-08	6.46E-08	9.22E-09	9.24E-09	9.22E-09	6.15E-09	2.69E-09	1.85E-07
775	560874.17	4191976.2	1.22E-07	8.58E-08	1.23E-08	1.23E-08	1.23E-08	9.12E-09	5.53E-09	2.59E-07	8.70E-08	6.68E-08	9.54E-09	9.56E-09	9.54E-09	6.36E-09	2.78E-09	1.92E-07
776	560887.55	4191967.38	1.26E-07	8.88E-08	1.27E-08	1.28E-08	1.27E-08	9.45E-09	5.73E-09	2.68E-07	9.01E-08	6.92E-08	9.88E-09	9.91E-09	9.88E-09	6.59E-09	2.88E-09	1.98E-07
777	560900.94	4191958.56	1.30E-07	9.16E-08	1.31E-08	1.32E-08	1.31E-08	9.75E-09	5.91E-09	2.77E-07	9.30E-08	7.14E-08	1.02E-08	1.02E-08	1.02E-08	6.79E-09	2.97E-09	2.05E-07
778	560914.33	4191949.74	1.34E-07	9.48E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	2.86E-07	9.61E-08	7.38E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	2.12E-07
779	560927.71	4191940.92	1.39E-07	9.78E-08	1.40E-08	1.41E-08	1.40E-08	1.04E-08	6.31E-09	2.95E-07	9.93E-08	7.62E-08	1.09E-08	1.09E-08	1.09E-08	7.25E-09	3.18E-09	2.19E-07
780	560740.38	4192167.18	1.25E-07	8.82E-08	1.26E-08	1.27E-08	1.26E-08	9.38E-09	5.68E-09	2.66E-07	8.95E-08	6.87E-08	9.80E-09	9.83E-09	9.80E-09	6.54E-09	2.86E-09	1.97E-07
781	560737.08	4192183.17	1.26E-07	8.90E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.74E-09	2.69E-07	9.03E-08	6.94E-08	9.90E-09	9.92E-09	9.90E-09	6.60E-09	2.89E-09	1.99E-07
782	560929.86	4192237.22	5.03E-07	3.54E-07	5.08E-08	5.09E-08	5.08E-08	3.77E-08	2.28E-08	1.07E-06	3.59E-07	2.76E-07	3.94E-08	3.95E-08	3.94E-08	2.63E-08	1.15E-08	7.92E-07
783	560920.14	4192234.86	4.53E-07	3.19E-07	4.58E-08	4.59E-08	4.58E-08	3.39E-08	2.06E-08	9.64E-07	3.24E-07	2.49E-07	3.55E-08	3.56E-08	3.55E-08	2.37E-08	1.04E-08	7.13E-07
784	560917.86	4192244.25	4.56E-07	3.21E-07	4.61E-08	4.62E-08	4.61E-08	3.42E-08	2.07E-08	9.70E-07	3.26E-07	2.50E-07	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	7.18E-07
785	560915.58	4192253.64	4.57E-07	3.22E-07	4.62E-08	4.63E-08	4.62E-08	3.43E-08	2.08E-08	9.73E-07	3.27E-07	2.51E-07	3.58E-08	3.59E-08	3.58E-08	2.39E-08	1.05E-08	7.20E-07
786	560913.29	4192263.03	4.56E-07	3.22E-07	4.61E-08	4.63E-08	4.61E-08	3.42E-08	2.07E-08	9.72E-07	3.26E-07	2.51E-07	3.58E-08	3.59E-08	3.58E-08	2.39E-08	1.04E-08	7.19E-07
787	560911.01	4192272.42	4.54E-07	3.20E-07	4.58E-08	4.60E-08	4.58E-08	3.40E-08	2.06E-08	9.66E-07	3.24E-07	2.49E-07	3.55E-08	3.56E-08	3.55E-08	2.37E-08	1.04E-08	7.14E-07
788	560910.43	4192232.49	4.10E-07	2.89E-07	4.15E-08	4.16E-08	4.15E-08	3.08E-08	1.86E-08	8.73E-07	2.93E-07	2.25E-07						

792	560901.29	4192270.06	4.11E-07	2.89E-07	4.15E-08	4.16E-08	4.15E-08	3.08E-08	1.87E-08	8.74E-07	2.94E-07	2.26E-07	3.22E-08	3.23E-08	3.22E-08	2.15E-08	9.39E-09	6.47E-07
793	560899.01	4192279.45	4.06E-07	2.86E-07	4.11E-08	4.12E-08	4.11E-08	3.05E-08	1.85E-08	8.65E-07	2.91E-07	2.23E-07	3.18E-08	3.19E-08	3.18E-08	2.12E-08	9.29E-09	6.40E-07
794	560896.73	4192288.84	4.01E-07	2.82E-07	4.05E-08	4.06E-08	4.05E-08	3.00E-08	1.82E-08	8.53E-07	2.86E-07	2.20E-07	3.14E-08	3.15E-08	3.14E-08	2.09E-08	9.16E-09	6.31E-07
795	560894.44	4192298.23	3.94E-07	2.77E-07	3.98E-08	3.99E-08	3.98E-08	2.95E-08	1.79E-08	8.38E-07	2.81E-07	2.16E-07	3.08E-08	3.09E-08	3.08E-08	2.06E-08	9.00E-09	6.20E-07
796	560900.71	4192230.13	3.74E-07	2.64E-07	3.78E-08	3.79E-08	3.78E-08	2.80E-08	1.70E-08	7.96E-07	2.67E-07	2.05E-07	2.93E-08	2.94E-08	2.93E-08	1.95E-08	8.56E-09	5.89E-07
797	560898.43	4192239.52	3.77E-07	2.66E-07	3.81E-08	3.82E-08	3.81E-08	2.82E-08	1.71E-08	8.02E-07	2.69E-07	2.07E-07	2.95E-08	2.96E-08	2.95E-08	1.97E-08	8.62E-09	5.93E-07
798	560896.14	4192248.91	3.78E-07	2.66E-07	3.82E-08	3.83E-08	3.82E-08	2.83E-08	1.72E-08	8.04E-07	2.70E-07	2.07E-07	2.96E-08	2.97E-08	2.96E-08	1.97E-08	8.64E-09	5.95E-07
799	560893.86	4192258.3	3.77E-07	2.66E-07	3.81E-08	3.82E-08	3.81E-08	2.82E-08	1.71E-08	8.02E-07	2.69E-07	2.07E-07	2.95E-08	2.96E-08	2.95E-08	1.97E-08	8.62E-09	5.93E-07
800	560891.58	4192267.7	3.74E-07	2.64E-07	3.78E-08	3.79E-08	3.78E-08	2.80E-08	1.70E-08	7.96E-07	2.68E-07	2.05E-07	2.93E-08	2.94E-08	2.93E-08	1.96E-08	8.56E-09	5.89E-07
801	560889.29	4192277.09	3.70E-07	2.61E-07	3.74E-08	3.75E-08	3.74E-08	2.77E-08	1.68E-08	7.87E-07	2.64E-07	2.03E-07	2.90E-08	2.91E-08	2.90E-08	1.93E-08	8.46E-09	5.82E-07
802	560887.01	4192286.48	3.65E-07	2.57E-07	3.69E-08	3.70E-08	3.69E-08	2.73E-08	1.66E-08	7.76E-07	2.61E-07	2.00E-07	2.86E-08	2.87E-08	2.86E-08	1.91E-08	8.34E-09	5.74E-07
803	560884.72	4192295.87	3.58E-07	2.53E-07	3.62E-08	3.63E-08	3.62E-08	2.69E-08	1.63E-08	7.63E-07	2.56E-07	1.97E-07	2.81E-08	2.82E-08	2.81E-08	1.87E-08	8.20E-09	5.64E-07
804	560890.99	4192227.77	3.44E-07	2.42E-07	3.47E-08	3.48E-08	3.47E-08	2.57E-08	1.56E-08	7.31E-07	2.46E-07	1.89E-07	2.69E-08	2.70E-08	2.69E-08	1.80E-08	7.86E-09	5.41E-07
805	560888.71	4192237.16	3.46E-07	2.44E-07	3.50E-08	3.51E-08	3.50E-08	2.59E-08	1.57E-08	7.36E-07	2.47E-07	1.90E-07	2.71E-08	2.72E-08	2.71E-08	1.81E-08	7.91E-09	5.45E-07
806	560886.43	4192246.55	3.46E-07	2.44E-07	3.50E-08	3.51E-08	3.50E-08	2.60E-08	1.57E-08	7.38E-07	2.48E-07	1.90E-07	2.72E-08	2.72E-08	2.72E-08	1.81E-08	7.93E-09	5.46E-07
807	560884.14	4192255.94	3.45E-07	2.44E-07	3.49E-08	3.50E-08	3.49E-08	2.59E-08	1.57E-08	7.35E-07	2.47E-07	1.90E-07	2.71E-08	2.72E-08	2.71E-08	1.81E-08	7.90E-09	5.44E-07
808	560881.86	4192265.33	3.43E-07	2.42E-07	3.46E-08	3.47E-08	3.46E-08	2.57E-08	1.56E-08	7.30E-07	2.45E-07	1.88E-07	2.69E-08	2.69E-08	2.69E-08	1.79E-08	7.84E-09	5.40E-07
809	560879.58	4192274.72	3.39E-07	2.39E-07	3.42E-08	3.43E-08	3.42E-08	2.54E-08	1.54E-08	7.21E-07	2.42E-07	1.86E-07	2.65E-08	2.66E-08	2.65E-08	1.77E-08	7.74E-09	5.33E-07
810	560877.29	4192284.11	3.34E-07	2.35E-07	3.37E-08	3.38E-08	3.37E-08	2.50E-08	1.52E-08	7.10E-07	2.39E-07	1.83E-07	2.62E-08	2.62E-08	2.62E-08	1.74E-08	7.63E-09	5.26E-07
811	560875.01	4192293.51	3.28E-07	2.31E-07	3.32E-08	3.32E-08	3.32E-08	2.46E-08	1.49E-08	6.98E-07	2.35E-07	1.80E-07	2.57E-08	2.58E-08	2.57E-08	1.71E-08	7.50E-09	5.17E-07
812	560881.28	4192225.4	3.16E-07	2.23E-07	3.20E-08	3.20E-08	3.20E-08	2.37E-08	1.44E-08	6.73E-07	2.26E-07	1.74E-07	2.48E-08	2.49E-08	2.48E-08	1.65E-08	7.23E-09	4.98E-07
813	560878.99	4192234.8	3.18E-07	2.24E-07	3.21E-08	3.22E-08	3.21E-08	2.38E-08	1.44E-08	6.77E-07	2.27E-07	1.75E-07	2.49E-08	2.50E-08	2.49E-08	1.66E-08	7.27E-09	5.01E-07
814	560876.71	4192244.19	3.18E-07	2.24E-07	3.22E-08	3.23E-08	3.22E-08	2.39E-08	1.45E-08	6.78E-07	2.28E-07	1.75E-07	2.50E-08	2.50E-08	2.50E-08	1.66E-08	7.28E-09	5.01E-07
815	560874.43	4192253.58	3.18E-07	2.24E-07	3.21E-08	3.22E-08	3.21E-08	2.38E-08	1.44E-08	6.76E-07	2.27E-07	1.74E-07	2.49E-08	2.50E-08	2.49E-08	1.66E-08	7.27E-09	5.00E-07
816	560872.14	4192262.97	3.15E-07	2.22E-07	3.19E-08	3.20E-08	3.19E-08	2.36E-08	1.43E-08	6.72E-07	2.26E-07	1.73E-07	2.47E-08	2.48E-08	2.47E-08	1.65E-08	7.22E-09	4.97E-07
817	560869.86	4192272.36	3.12E-07	2.20E-07	3.15E-08	3.16E-08	3.15E-08	2.34E-08	1.42E-08	6.63E-07	2.23E-07	1.71E-07	2.44E-08	2.45E-08	2.44E-08	1.63E-08	7.13E-09	4.91E-07
818	560867.57	4192281.75	3.07E-07	2.17E-07	3.11E-08	3.11E-08	3.11E-08	2.30E-08	1.40E-08	6.54E-07	2.20E-07	1.69E-07	2.41E-08	2.42E-08	2.41E-08	1.61E-08	7.03E-09	4.84E-07
819	560865.29	4192291.14	3.02E-07	2.13E-07	3.06E-08	3.06E-08	3.06E-08	2.27E-08	1.37E-08	6.44E-07	2.16E-07	1.66E-07	2.37E-08	2.38E-08	2.37E-08	1.58E-08	6.92E-09	4.76E-07
820	560871.56	4192223.04	2.92E-07	2.06E-07	2.95E-08	2.96E-08	2.95E-08	2.19E-08	1.33E-08	6.22E-07	2.09E-07	1.60E-07	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.68E-09	4.60E-07
821	560869.28	4192232.43	2.93E-07	2.07E-07	2.97E-08	2.97E-08	2.97E-08	2.20E-08	1.33E-08	6.25E-07	2.10E-07	1.61E-07	2.30E-08	2.31E-08	2.30E-08	1.53E-08	6.71E-09	4.62E-07
822	560866.99	4192241.82	2.94E-07	2.07E-07	2.97E-08	2.98E-08	2.97E-08	2.20E-08	1.33E-08	6.25E-07	2.10E-07	1.61E-07	2.30E-08	2.31E-08	2.30E-08	1.54E-08	6.72E-09	4.63E-07
823	560864.71	4192251.22	2.93E-07	2.07E-07	2.96E-08	2.97E-08	2.96E-08	2.20E-08	1.33E-08	6.24E-07	2.10E-07	1.61E-07	2.30E-08	2.30E-08	2.30E-08	1.53E-08	6.70E-09	4.61E-07
824	560862.43	4192260.61	2.91E-07	2.05E-07	2.94E-08	2.95E-08	2.94E-08	2.18E-08	1.32E-08	6.20E-07	2.08E-07	1.60E-07	2.28E-08	2.29E-08	2.28E-08	1.52E-08	6.66E-09	4.58E-07
825	560860.14	4192270	2.88E-07	2.03E-07	2.91E-08	2.92E-08	2.91E-08	2.16E-08	1.31E-08	6.14E-07	2.06E-07	1.58E-07	2.26E-08	2.27E-08	2.26E-08	1.51E-08	6.59E-09	4.54E-07
826	560857.86	4192279.39	2.84E-07	2.00E-07	2.87E-08	2.88E-08	2.87E-08	2.13E-08	1.29E-08	6.05E-07	2.03E-07	1.56E-07	2.23E-08	2.23E-08	2.23E-08	1.49E-08	6.51E-09	4.48E-07
827	560855.57	4192288.78	2.80E-07	1.97E-07	2.83E-08	2.83E-08	2.83E-08	2.10E-08	1.27E-08	5.95E-07	2.00E-07	1.54E-07	2.19E-08	2.20E-08	2.19E-08	1.46E-08	6.40E-09	4.40E-07
828	560861.84	4192220.68	2.71E-07	1.91E-07	2.74E-08	2.74E-08	2.74E-08	2.03E-08	1.23E-08	5.76E-07	1.94E-07	1.49E-07	2.12E-08	2.13E-08	2.12E-08	1.41E-08	6.19E-09	4.26E-07
829	560859.56	4192230.07	2.72E-07	1.92E-07	2.75E-08	2.76E-08	2.75E-08	2.04E-08	1.24E-08	5.79E-07	1.94E-07	1.49E-07	2.13E-08	2.14E-08	2.13E-08	1.42E-08	6.22E-09	4.28E-07
830	560857.28	4192239.46	2.72E-07	1.92E-07	2.75E-08	2.76E-08	2.75E-08	2.04E-08	1.24E-08	5.79E-07	1.95E-07	1.49E-07	2.13E-08	2.14E-08	2.13E-08	1.42E-08	6.23E-09	4.29E-07
831	560854.99	4192248.85	2.71E-07	1.91E-07	2.74E-08	2.75E-08	2.74E-08	2.03E-08	1.23E-08	5.78E-07	1.94E-07	1.49E-07	2.13E-08	2.13E-08	2.13E-08	1.42E-08	6.21E-09	4.27E-07
832	560852.71	4192258.24	2.70E-07	1.90E-07	2.72E-08	2.73E-08	2.72E-08	2.02E-08	1.22E-08	5.74E-07	1.93E-07	1.48E-07	2.11E-08	2.12E-08	2.11E-08	1.41E-08	6.17E-09	4.25E-07
833	560850.42	4192267.63	2.67E-07	1.88E-07	2.70E-08	2.70E-08	2.70E-08	2.00E-08	1.21E-08	5.68E-07	1.91E-07	1.47E-07	2.09E-08	2.10E-08	2.09E-08	1.39E-08	6.11E-09	4.20E-07
834	560848.14	4192277.03	2.63E-07	1.86E-07	2.66E-08	2.67E-08	2.66E-08	1.97E-08	1.20E-08	5.61E-07	1.88E-07	1.45E-07	2.06E-08	2.07E-08	2.06E-08	1.38E-08	6.02E-09	4.15E-07
835	560845.86	4192286.42	2.59E-07	1.82E-07	2.62E-08	2.62E-08	2.62E-08	1.94E-08	1.18E-08	5.51E-07	1.85E-07	1.42E-07	2.03E-08	2.03E-08	2.03E-08	1.35E-08	5.92E-09	4.08E-07
836	560852.13	4192218.32	2.52E-07	1.77E-07	2.54E-08	2.55E-08	2.54E-08	1.89E-08	1.14E-08	5.36E-07	1.80E-07	1.38E-07	1.97E-08	1.98E-08	1.97E-08	1.32E-08	5.76E-09	3.97E-07
837	560849.84	4192227.71	2.53E-07	1.78E-07	2.55E-08	2.56E-08	2.55E-08	1.89E-08	1.15E-08	5.38E-07	1.81E-07	1.39E-07	1.98E-08	1.99E-08	1.98E-08	1.32E-08	5.78E-09	3.98E-07
838	560847.56	4192237.1	2.53E-07	1.78E-07	2.56E-08	2.56E-08	2.56E-08	1.90E-08	1.15E-08	5.38E-07	1.81E-07	1.39E-07	1.98E-08	1.99E-08	1.98E-08	1.32E-08	5.79E-09	3.98E-07
839	560845.28	4192246.49	2.52E-07	1.78E-07	2.55E-08	2.56E-08	2.55E-08	1.89E-08	1.15E-08	5.37E-07	1.80E-07	1.38E-07	1.98E-08	1.98E-08	1.98E-08	1.32E-08	5.77E-09	3.97E-07
840	560842.99	4192255.88	2.50E-07	1.77E-07	2.53E-08	2.54E-08	2.53E-08	1.88E-08	1.14E-08	5.33E-07	1.79E-07	1.38E-07	1.96E-08	1.97E-08	1.96E-08	1.31E-08	5.73E-09	3.94E-07
841	560840.71	4192265.27	2.48E-07	1.75E-07	2.51E-08	2.51E-08	2.51E-08	1.86E-08	1.13E-08	5.28E-07	1.77E-07	1.36E-0						

845	560840.13	4192225.34	2.36E-07	1.66E-07	2.38E-08	2.39E-08	2.38E-08	1.77E-08	1.07E-08	5.02E-07	1.69E-07	1.29E-07	1.85E-08	1.85E-08	1.85E-08	1.23E-08	5.39E-09	3.71E-07
846	560837.84	4192234.74	2.36E-07	1.66E-07	2.38E-08	2.39E-08	2.38E-08	1.77E-08	1.07E-08	5.02E-07	1.69E-07	1.29E-07	1.85E-08	1.85E-08	1.85E-08	1.23E-08	5.39E-09	3.71E-07
847	560835.56	4192244.13	2.35E-07	1.66E-07	2.38E-08	2.38E-08	2.38E-08	1.76E-08	1.07E-08	5.00E-07	1.68E-07	1.29E-07	1.84E-08	1.85E-08	1.84E-08	1.23E-08	5.38E-09	3.70E-07
848	560833.27	4192253.52	2.33E-07	1.65E-07	2.36E-08	2.37E-08	2.36E-08	1.75E-08	1.06E-08	4.97E-07	1.67E-07	1.28E-07	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.34E-09	3.68E-07
849	560830.99	4192262.91	2.31E-07	1.63E-07	2.34E-08	2.34E-08	2.34E-08	1.73E-08	1.05E-08	4.92E-07	1.65E-07	1.27E-07	1.81E-08	1.82E-08	1.81E-08	1.21E-08	5.29E-09	3.64E-07
850	560828.71	4192272.3	2.28E-07	1.61E-07	2.30E-08	2.31E-08	2.30E-08	1.71E-08	1.04E-08	4.85E-07	1.63E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.19E-08	5.21E-09	3.59E-07
851	560826.42	4192281.69	2.24E-07	1.58E-07	2.26E-08	2.27E-08	2.26E-08	1.68E-08	1.02E-08	4.77E-07	1.60E-07	1.23E-07	1.76E-08	1.76E-08	1.76E-08	1.17E-08	5.13E-09	3.53E-07
852	560832.69	4192213.59	2.20E-07	1.55E-07	2.22E-08	2.23E-08	2.22E-08	1.65E-08	9.99E-09	4.68E-07	1.57E-07	1.21E-07	1.72E-08	1.73E-08	1.72E-08	1.15E-08	5.03E-09	3.46E-07
853	560830.41	4192222.98	2.20E-07	1.55E-07	2.23E-08	2.23E-08	2.23E-08	1.65E-08	1.00E-08	4.69E-07	1.58E-07	1.21E-07	1.73E-08	1.73E-08	1.73E-08	1.15E-08	5.04E-09	3.47E-07
854	560828.13	4192232.37	2.20E-07	1.55E-07	2.23E-08	2.23E-08	2.23E-08	1.65E-08	1.00E-08	4.69E-07	1.58E-07	1.21E-07	1.73E-08	1.73E-08	1.73E-08	1.15E-08	5.04E-09	3.47E-07
855	560825.84	4192241.76	2.20E-07	1.55E-07	2.22E-08	2.23E-08	2.22E-08	1.65E-08	9.98E-09	4.68E-07	1.57E-07	1.21E-07	1.72E-08	1.73E-08	1.72E-08	1.15E-08	5.03E-09	3.46E-07
856	560823.56	4192251.15	2.18E-07	1.54E-07	2.20E-08	2.21E-08	2.20E-08	1.63E-08	9.91E-09	4.64E-07	1.56E-07	1.20E-07	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.99E-09	3.44E-07
857	560821.27	4192260.55	2.16E-07	1.52E-07	2.18E-08	2.19E-08	2.18E-08	1.62E-08	9.81E-09	4.60E-07	1.54E-07	1.19E-07	1.69E-08	1.70E-08	1.69E-08	1.13E-08	4.94E-09	3.40E-07
858	560818.99	4192269.94	2.13E-07	1.50E-07	2.15E-08	2.16E-08	2.15E-08	1.60E-08	9.67E-09	4.53E-07	1.52E-07	1.17E-07	1.67E-08	1.67E-08	1.67E-08	1.11E-08	4.87E-09	3.35E-07
859	560816.71	4192279.33	2.09E-07	1.48E-07	2.12E-08	2.12E-08	2.12E-08	1.57E-08	9.51E-09	4.46E-07	1.50E-07	1.15E-07	1.64E-08	1.64E-08	1.64E-08	1.09E-08	4.79E-09	3.30E-07
860	560822.98	4192211.23	2.06E-07	1.45E-07	2.08E-08	2.09E-08	2.08E-08	1.55E-08	9.37E-09	4.39E-07	1.47E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.08E-08	4.72E-09	3.25E-07
861	560820.69	4192220.62	2.07E-07	1.46E-07	2.09E-08	2.10E-08	2.09E-08	1.55E-08	9.39E-09	4.40E-07	1.48E-07	1.14E-07	1.62E-08	1.62E-08	1.62E-08	1.08E-08	4.73E-09	3.26E-07
862	560818.41	4192230.01	2.07E-07	1.46E-07	2.09E-08	2.09E-08	2.09E-08	1.55E-08	9.39E-09	4.40E-07	1.48E-07	1.13E-07	1.62E-08	1.62E-08	1.62E-08	1.08E-08	4.73E-09	3.25E-07
863	560816.12	4192239.4	2.06E-07	1.45E-07	2.08E-08	2.09E-08	2.08E-08	1.54E-08	9.35E-09	4.38E-07	1.47E-07	1.13E-07	1.61E-08	1.62E-08	1.61E-08	1.08E-08	4.71E-09	3.24E-07
864	560813.84	4192248.79	2.04E-07	1.44E-07	2.07E-08	2.07E-08	2.07E-08	1.53E-08	9.29E-09	4.35E-07	1.46E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.07E-08	4.68E-09	3.22E-07
865	560811.56	4192258.18	2.02E-07	1.43E-07	2.04E-08	2.05E-08	2.04E-08	1.52E-08	9.19E-09	4.30E-07	1.45E-07	1.11E-07	1.58E-08	1.59E-08	1.58E-08	1.06E-08	4.63E-09	3.18E-07
866	560809.27	4192267.57	1.99E-07	1.41E-07	2.02E-08	2.02E-08	2.02E-08	1.49E-08	9.06E-09	4.24E-07	1.43E-07	1.10E-07	1.56E-08	1.57E-08	1.56E-08	1.04E-08	4.56E-09	3.14E-07
867	560806.99	4192276.97	1.96E-07	1.38E-07	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.90E-09	4.17E-07	1.40E-07	1.08E-07	1.54E-08	1.54E-08	1.54E-08	1.02E-08	4.48E-09	3.09E-07
868	560813.26	4192208.86	1.94E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.45E-08	8.81E-09	4.13E-07	1.39E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.44E-09	3.05E-07
869	560810.98	4192218.26	1.94E-07	1.37E-07	1.96E-08	1.97E-08	1.96E-08	1.46E-08	8.83E-09	4.14E-07	1.39E-07	1.07E-07	1.52E-08	1.53E-08	1.52E-08	1.02E-08	4.45E-09	3.06E-07
870	560808.69	4192227.65	1.94E-07	1.37E-07	1.96E-08	1.97E-08	1.96E-08	1.46E-08	8.82E-09	4.13E-07	1.39E-07	1.07E-07	1.52E-08	1.53E-08	1.52E-08	1.01E-08	4.44E-09	3.06E-07
871	560806.41	4192237.04	1.93E-07	1.36E-07	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.78E-09	4.12E-07	1.38E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.42E-09	3.04E-07
872	560804.12	4192246.43	1.92E-07	1.35E-07	1.94E-08	1.94E-08	1.94E-08	1.44E-08	8.72E-09	4.08E-07	1.37E-07	1.05E-07	1.50E-08	1.51E-08	1.50E-08	1.00E-08	4.39E-09	3.02E-07
873	560801.84	4192255.82	1.90E-07	1.34E-07	1.92E-08	1.92E-08	1.92E-08	1.42E-08	8.63E-09	4.04E-07	1.36E-07	1.04E-07	1.49E-08	1.49E-08	1.49E-08	9.92E-09	4.34E-09	2.99E-07
874	560799.56	4192265.21	1.87E-07	1.32E-07	1.89E-08	1.90E-08	1.89E-08	1.40E-08	8.50E-09	3.98E-07	1.34E-07	1.03E-07	1.47E-08	1.47E-08	1.47E-08	9.78E-09	4.28E-09	2.95E-07
875	560797.27	4192274.6	1.84E-07	1.30E-07	1.86E-08	1.86E-08	1.86E-08	1.38E-08	8.36E-09	3.91E-07	1.32E-07	1.01E-07	1.44E-08	1.45E-08	1.44E-08	9.61E-09	4.21E-09	2.90E-07
876	560803.54	4192206.5	1.83E-07	1.29E-07	1.85E-08	1.85E-08	1.85E-08	1.37E-08	8.30E-09	3.89E-07	1.31E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	9.55E-09	4.18E-09	2.88E-07
877	560801.26	4192215.89	1.83E-07	1.29E-07	1.85E-08	1.86E-08	1.85E-08	1.37E-08	8.32E-09	3.90E-07	1.31E-07	1.01E-07	1.43E-08	1.44E-08	1.43E-08	9.56E-09	4.19E-09	2.88E-07
878	560798.98	4192225.28	1.83E-07	1.29E-07	1.85E-08	1.85E-08	1.85E-08	1.37E-08	8.31E-09	3.89E-07	1.31E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	9.55E-09	4.18E-09	2.88E-07
879	560796.69	4192234.67	1.82E-07	1.28E-07	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.27E-09	3.87E-07	1.30E-07	9.99E-08	1.43E-08	1.43E-08	1.43E-08	9.51E-09	4.16E-09	2.87E-07
880	560794.41	4192244.07	1.81E-07	1.27E-07	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.20E-09	3.84E-07	1.29E-07	9.92E-08	1.42E-08	1.42E-08	1.42E-08	9.44E-09	4.13E-09	2.84E-07
881	560792.12	4192253.46	1.79E-07	1.26E-07	1.80E-08	1.81E-08	1.80E-08	1.34E-08	8.11E-09	3.80E-07	1.28E-07	9.81E-08	1.40E-08	1.40E-08	1.40E-08	9.33E-09	4.08E-09	2.81E-07
882	560789.84	4192262.85	1.76E-07	1.24E-07	1.78E-08	1.78E-08	1.78E-08	1.32E-08	8.00E-09	3.75E-07	1.26E-07	9.67E-08	1.38E-08	1.38E-08	1.38E-08	9.20E-09	4.03E-09	2.77E-07
883	560787.56	4192272.24	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.86E-09	3.68E-07	1.24E-07	9.50E-08	1.36E-08	1.36E-08	1.36E-08	9.04E-09	3.96E-09	2.72E-07
884	560793.83	4192204.14	1.73E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.29E-08	7.84E-09	3.67E-07	1.23E-07	9.47E-08	1.35E-08	1.36E-08	1.35E-08	9.01E-09	3.95E-09	2.72E-07
885	560791.54	4192213.53	1.73E-07	1.22E-07	1.75E-08	1.75E-08	1.75E-08	1.29E-08	7.85E-09	3.68E-07	1.24E-07	9.49E-08	1.35E-08	1.36E-08	1.35E-08	9.03E-09	3.95E-09	2.72E-07
886	560789.26	4192222.92	1.72E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.29E-08	7.84E-09	3.67E-07	1.23E-07	9.47E-08	1.35E-08	1.36E-08	1.35E-08	9.01E-09	3.95E-09	2.72E-07
887	560786.97	4192232.31	1.72E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.80E-09	3.65E-07	1.23E-07	9.42E-08	1.34E-08	1.35E-08	1.34E-08	8.97E-09	3.93E-09	2.70E-07
888	560784.69	4192241.7	1.70E-07	1.20E-07	1.72E-08	1.73E-08	1.72E-08	1.28E-08	7.73E-09	3.62E-07	1.22E-07	9.35E-08	1.33E-08	1.34E-08	1.33E-08	8.89E-09	3.89E-09	2.68E-07
889	560782.41	4192251.09	1.68E-07	1.19E-07	1.70E-08	1.71E-08	1.70E-08	1.26E-08	7.65E-09	3.58E-07	1.20E-07	9.24E-08	1.32E-08	1.32E-08	1.32E-08	8.79E-09	3.85E-09	2.65E-07
890	560780.12	4192260.49	1.66E-07	1.17E-07	1.68E-08	1.68E-08	1.68E-08	1.24E-08	7.54E-09	3.53E-07	1.19E-07	9.11E-08	1.30E-08	1.30E-08	1.30E-08	8.67E-09	3.79E-09	2.61E-07
891	560777.84	4192269.88	1.63E-07	1.15E-07	1.65E-08	1.65E-08	1.65E-08	1.22E-08	7.40E-09	3.47E-07	1.16E-07	8.95E-08	1.28E-08	1.28E-08	1.28E-08	8.51E-09	3.73E-09	2.57E-07
892	560781.83	4192211.17	1.63E-07	1.15E-07	1.65E-08	1.66E-08	1.65E-08	1.22E-08	7.42E-09	3.48E-07	1.17E-07	8.97E-08	1.28E-08	1.28E-08	1.28E-08	8.53E-09	3.74E-09	2.57E-07
893	560779.54	4192220.56	1.63E-07	1.15E-07	1.65E-08	1.65E-08	1.65E-08	1.22E-08	7.40E-09	3.47E-07	1.17E-07	8.95E-08	1.28E-08	1.28E-08	1.28E-08	8.52E-09	3.73E-09	2.57E-07
894	560777.26	4192229.95	1.62E-07	1.14E-07	1.64E-08	1.64E-08	1.64E-08	1.22E-08	7.37E-09	3.45E-07	1.16E-07	8.90						

898	560768.12	41922267.51	1.54E-07	1.08E-07	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.98E-09	3.27E-07	1.10E-07	8.44E-08	1.20E-08	1.21E-08	1.20E-08	8.03E-09	3.52E-09	2.42E-07
899	560772.11	41922208.8	1.55E-07	1.09E-07	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.03E-09	3.29E-07	1.11E-07	8.50E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	2.44E-07
900	560769.82	41922218.19	1.54E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	3.28E-07	1.10E-07	8.47E-08	1.21E-08	1.21E-08	1.21E-08	8.06E-09	3.53E-09	2.43E-07
901	560767.54	4192227.59	1.53E-07	1.08E-07	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.97E-09	3.27E-07	1.10E-07	8.43E-08	1.20E-08	1.21E-08	1.20E-08	8.02E-09	3.51E-09	2.42E-07
902	560765.26	4192236.98	1.52E-07	1.07E-07	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	3.24E-07	1.09E-07	8.35E-08	1.19E-08	1.20E-08	1.19E-08	7.95E-09	3.48E-09	2.39E-07
903	560762.97	4192246.37	1.50E-07	1.06E-07	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.83E-09	3.20E-07	1.07E-07	8.25E-08	1.18E-08	1.18E-08	1.18E-08	7.85E-09	3.44E-09	2.37E-07
904	560760.69	4192255.76	1.48E-07	1.04E-07	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.72E-09	3.15E-07	1.06E-07	8.13E-08	1.16E-08	1.16E-08	1.16E-08	7.73E-09	3.39E-09	2.33E-07
905	560758.41	4192265.15	1.45E-07	1.02E-07	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.60E-09	3.09E-07	1.04E-07	7.98E-08	1.14E-08	1.14E-08	1.14E-08	7.59E-09	3.32E-09	2.29E-07
906	560762.39	41922206.44	1.47E-07	1.03E-07	1.48E-08	1.49E-08	1.48E-08	1.10E-08	6.67E-09	3.12E-07	1.05E-07	8.06E-08	1.15E-08	1.15E-08	1.15E-08	7.67E-09	3.36E-09	2.31E-07
907	560760.11	41922215.83	1.46E-07	1.03E-07	1.48E-08	1.48E-08	1.48E-08	1.10E-08	6.65E-09	3.11E-07	1.05E-07	8.03E-08	1.15E-08	1.15E-08	1.15E-08	7.64E-09	3.35E-09	2.30E-07
908	560757.82	4192225.22	1.45E-07	1.02E-07	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.61E-09	3.09E-07	1.04E-07	7.98E-08	1.14E-08	1.14E-08	1.14E-08	7.60E-09	3.33E-09	2.29E-07
909	560755.54	4192234.61	1.44E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.55E-09	3.07E-07	1.03E-07	7.91E-08	1.13E-08	1.13E-08	1.13E-08	7.53E-09	3.30E-09	2.27E-07
910	560753.26	4192244.01	1.42E-07	1.00E-07	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.47E-09	3.03E-07	1.02E-07	7.82E-08	1.12E-08	1.12E-08	1.12E-08	7.44E-09	3.26E-09	2.24E-07
911	560750.97	4192253.4	1.40E-07	9.88E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	2.98E-07	1.00E-07	7.70E-08	1.10E-08	1.10E-08	1.10E-08	7.32E-09	3.21E-09	2.21E-07
912	560748.69	4192262.79	1.38E-07	9.69E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.25E-09	2.93E-07	9.83E-08	7.55E-08	1.08E-08	1.08E-08	1.08E-08	7.19E-09	3.15E-09	2.17E-07
913	560752.67	4192204.08	1.39E-07	9.82E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.33E-09	2.97E-07	9.96E-08	7.65E-08	1.09E-08	1.09E-08	1.09E-08	7.28E-09	3.19E-09	2.19E-07
914	560750.39	4192213.47	1.39E-07	9.79E-08	1.40E-08	1.41E-08	1.40E-08	1.04E-08	6.31E-09	2.96E-07	9.93E-08	7.62E-08	1.09E-08	1.09E-08	1.09E-08	7.25E-09	3.18E-09	2.19E-07
915	560748.11	4192222.86	1.38E-07	9.72E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.27E-09	2.94E-07	9.87E-08	7.58E-08	1.08E-08	1.08E-08	1.08E-08	7.21E-09	3.16E-09	2.17E-07
916	560745.82	4192232.25	1.37E-07	9.63E-08	1.38E-08	1.39E-08	1.38E-08	1.02E-08	6.21E-09	2.91E-07	9.77E-08	7.51E-08	1.07E-08	1.07E-08	1.07E-08	7.14E-09	3.13E-09	2.15E-07
917	560743.54	4192241.64	1.35E-07	9.51E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.13E-09	2.87E-07	9.65E-08	7.41E-08	1.06E-08	1.06E-08	1.06E-08	7.05E-09	3.09E-09	2.13E-07
918	560741.26	4192251.03	1.33E-07	9.37E-08	1.34E-08	1.35E-08	1.34E-08	9.96E-09	6.04E-09	2.83E-07	9.50E-08	7.30E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	2.09E-07
919	560738.97	4192260.43	1.30E-07	9.19E-08	1.32E-08	1.32E-08	1.32E-08	9.77E-09	5.92E-09	2.77E-07	9.32E-08	7.16E-08	1.02E-08	1.02E-08	1.02E-08	6.81E-09	2.98E-09	2.05E-07
920	560742.96	4192201.71	1.33E-07	9.34E-08	1.34E-08	1.34E-08	1.34E-08	9.93E-09	6.02E-09	2.82E-07	9.48E-08	7.28E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	2.09E-07
921	560740.67	4192211.11	1.32E-07	9.30E-08	1.33E-08	1.34E-08	1.33E-08	9.89E-09	6.00E-09	2.81E-07	9.44E-08	7.25E-08	1.03E-08	1.04E-08	1.03E-08	6.90E-09	3.02E-09	2.08E-07
922	560738.39	4192220.5	1.31E-07	9.24E-08	1.32E-08	1.33E-08	1.32E-08	9.83E-09	5.96E-09	2.79E-07	9.37E-08	7.20E-08	1.03E-08	1.03E-08	1.03E-08	6.85E-09	3.00E-09	2.06E-07
923	560736.11	4192229.89	1.30E-07	9.15E-08	1.31E-08	1.32E-08	1.31E-08	9.73E-09	5.90E-09	2.76E-07	9.28E-08	7.13E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
924	560733.82	4192239.28	1.28E-07	9.03E-08	1.30E-08	1.30E-08	1.30E-08	9.61E-09	5.82E-09	2.73E-07	9.16E-08	7.04E-08	1.00E-08	1.01E-08	1.00E-08	6.70E-09	2.93E-09	2.02E-07
925	560731.54	4192248.67	1.26E-07	8.89E-08	1.27E-08	1.28E-08	1.27E-08	9.45E-09	5.73E-09	2.68E-07	9.02E-08	6.93E-08	9.88E-09	9.91E-09	9.88E-09	6.59E-09	2.89E-09	1.99E-07
926	560729.26	4192258.06	1.24E-07	8.72E-08	1.25E-08	1.25E-08	1.25E-08	9.27E-09	5.62E-09	2.63E-07	8.85E-08	6.79E-08	9.70E-09	9.72E-09	9.70E-09	6.46E-09	2.83E-09	1.95E-07
927	560733.24	4192199.35	1.26E-07	8.90E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.73E-09	2.69E-07	9.03E-08	6.93E-08	9.89E-09	9.92E-09	9.89E-09	6.59E-09	2.89E-09	1.99E-07
928	560730.96	4192208.74	1.26E-07	8.86E-08	1.27E-08	1.27E-08	1.27E-08	9.42E-09	5.71E-09	2.67E-07	8.99E-08	6.90E-08	9.85E-09	9.87E-09	9.85E-09	6.57E-09	2.87E-09	1.98E-07
929	560728.67	4192218.13	1.25E-07	8.79E-08	1.26E-08	1.26E-08	1.26E-08	9.35E-09	5.67E-09	2.66E-07	8.92E-08	6.85E-08	9.78E-09	9.80E-09	9.78E-09	6.52E-09	2.85E-09	1.96E-07
930	560726.39	4192227.53	1.23E-07	8.70E-08	1.25E-08	1.25E-08	1.25E-08	9.25E-09	5.61E-09	2.63E-07	8.83E-08	6.78E-08	9.68E-09	9.70E-09	9.68E-09	6.45E-09	2.82E-09	1.94E-07
931	560724.11	4192236.92	1.22E-07	8.59E-08	1.23E-08	1.23E-08	1.23E-08	9.13E-09	5.54E-09	2.59E-07	8.71E-08	6.69E-08	9.55E-09	9.58E-09	9.55E-09	6.37E-09	2.79E-09	1.92E-07
932	560721.82	4192246.31	1.20E-07	8.45E-08	1.21E-08	1.21E-08	1.21E-08	8.98E-09	5.45E-09	2.55E-07	8.57E-08	6.58E-08	9.39E-09	9.42E-09	9.39E-09	6.26E-09	2.74E-09	1.89E-07
933	560719.54	4192255.7	1.18E-07	8.29E-08	1.19E-08	1.19E-08	1.19E-08	8.81E-09	5.34E-09	2.50E-07	8.41E-08	6.46E-08	9.21E-09	9.24E-09	9.21E-09	6.14E-09	2.69E-09	1.85E-07
934	560891.64	4192311.4	3.84E-07	2.70E-07	3.88E-08	3.89E-08	3.88E-08	2.87E-08	1.74E-08	8.17E-07	2.74E-07	2.11E-07	3.01E-08	3.01E-08	3.01E-08	2.00E-08	8.78E-09	6.04E-07
935	560888.03	4192328.88	3.68E-07	2.59E-07	3.72E-08	3.73E-08	3.72E-08	2.76E-08	1.67E-08	7.83E-07	2.63E-07	2.02E-07	2.88E-08	2.89E-08	2.88E-08	1.92E-08	8.41E-09	5.79E-07
936	560884.42	4192346.37	3.49E-07	2.46E-07	3.52E-08	3.53E-08	3.52E-08	2.61E-08	1.58E-08	7.42E-07	2.49E-07	1.92E-07	2.73E-08	2.74E-08	2.73E-08	1.82E-08	7.98E-09	5.49E-07
937	560880.81	4192363.85	3.27E-07	2.30E-07	3.30E-08	3.31E-08	3.30E-08	2.45E-08	1.48E-08	6.95E-07	2.34E-07	1.79E-07	2.56E-08	2.57E-08	2.56E-08	1.71E-08	7.47E-09	5.14E-07
938	560877.2	4192381.34	3.01E-07	2.13E-07	3.05E-08	3.06E-08	3.05E-08	2.26E-08	1.37E-08	6.42E-07	2.16E-07	1.66E-07	2.36E-08	2.37E-08	2.36E-08	1.58E-08	6.90E-09	4.75E-07
939	560881.85	4192309.38	3.49E-07	2.46E-07	3.53E-08	3.54E-08	3.53E-08	2.62E-08	1.59E-08	7.43E-07	2.50E-07	1.92E-07	2.74E-08	2.74E-08	2.74E-08	1.82E-08	7.98E-09	5.50E-07
940	560878.24	4192326.86	3.34E-07	2.36E-07	3.38E-08	3.39E-08	3.38E-08	2.51E-08	1.52E-08	7.12E-07	2.39E-07	1.84E-07	2.62E-08	2.63E-08	2.62E-08	1.75E-08	7.65E-09	5.27E-07
941	560874.63	4192344.34	3.17E-07	2.23E-07	3.20E-08	3.21E-08	3.20E-08	2.37E-08	1.44E-08	6.74E-07	2.27E-07	1.74E-07	2.48E-08	2.49E-08	2.48E-08	1.66E-08	7.25E-09	4.99E-07
942	560871.01	4192361.83	2.96E-07	2.09E-07	3.00E-08	3.00E-08	3.00E-08	2.22E-08	1.35E-08	6.31E-07	2.12E-07	1.63E-07	2.32E-08	2.33E-08	2.32E-08	1.55E-08	6.78E-09	4.67E-07
943	560867.4	4192379.31	2.73E-07	1.93E-07	2.76E-08	2.77E-08	2.76E-08	2.05E-08	1.24E-08	5.82E-07	1.95E-07	1.50E-07	2.14E-08	2.15E-08	2.14E-08	1.43E-08	6.25E-09	4.30E-07
944	560872.05	4192307.35	3.19E-07	2.25E-07	3.23E-08	3.24E-08	3.23E-08	2.39E-08	1.45E-08	6.80E-07	2.28E-07	1.75E-07	2.50E-08	2.51E-08	2.50E-08	1.67E-08	7.30E-09	5.03E-07
945	560868.44	4192324.84	3.06E-07	2.16E-07	3.09E-08	3.10E-08	3.09E-08	2.29E-08	1.39E-08	6.52E-07	2.19E-07	1.68E-07	2.40E-08	2.41E-08	2.40E-08	1.60E-08	7.00E-09	4.82E-07
946	560864.83	4192342.32	2.90E-07	2.04E-07	2.93E-08	2.94E-08	2.93E-08	2.17E-08	1.32E-08	6.17E-07	2.07E-07	1.59E-07	2.27E-08	2.28E-08	2.27E-08	1.52E-08	6.64E-09	4.57E-07
947	560861.22	4192359.81	2.71E-07	1.91E-07	2.74E-08	2.75E-08	2.74E-08	2.03E-08	1.23E-08	5.77E-07	1.94E-07	1						

951	560855.04	4192340.3	2.67E-07	1.88E-07	2.69E-08	2.70E-08	2.69E-08	2.00E-08	1.21E-08	5.67E-07	1.91E-07	1.46E-07	2.09E-08	2.09E-08	2.09E-08	1.39E-08	6.10E-09	4.20E-07
952	560851.43	4192357.78	2.49E-07	1.75E-07	2.51E-08	2.52E-08	2.51E-08	1.86E-08	1.13E-08	5.29E-07	1.78E-07	1.37E-07	1.95E-08	1.95E-08	1.95E-08	1.30E-08	5.69E-09	3.92E-07
953	560847.82	4192375.27	2.28E-07	1.61E-07	2.31E-08	2.31E-08	2.31E-08	1.71E-08	1.04E-08	4.86E-07	1.63E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.19E-08	5.22E-09	3.60E-07
954	560852.47	4192303.31	2.72E-07	1.91E-07	2.74E-08	2.75E-08	2.74E-08	2.04E-08	1.23E-08	5.78E-07	1.94E-07	1.49E-07	2.13E-08	2.13E-08	2.13E-08	1.42E-08	6.21E-09	4.28E-07
955	560848.86	4192320.79	2.60E-07	1.83E-07	2.62E-08	2.63E-08	2.62E-08	1.95E-08	1.18E-08	5.53E-07	1.86E-07	1.43E-07	2.03E-08	2.04E-08	2.03E-08	1.36E-08	5.94E-09	4.09E-07
956	560845.25	4192338.28	2.45E-07	1.73E-07	2.48E-08	2.49E-08	2.48E-08	1.84E-08	1.11E-08	5.22E-07	1.75E-07	1.35E-07	1.92E-08	1.93E-08	1.92E-08	1.28E-08	5.61E-09	3.86E-07
957	560841.63	4192355.76	2.29E-07	1.61E-07	2.31E-08	2.32E-08	2.31E-08	1.71E-08	1.04E-08	4.86E-07	1.63E-07	1.26E-07	1.79E-08	1.80E-08	1.79E-08	1.19E-08	5.23E-09	3.60E-07
958	560838.02	4192373.25	2.10E-07	1.48E-07	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.53E-09	4.46E-07	1.50E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.10E-08	4.80E-09	3.30E-07
959	560842.67	4192301.28	2.51E-07	1.77E-07	2.54E-08	2.55E-08	2.54E-08	1.88E-08	1.14E-08	5.35E-07	1.80E-07	1.38E-07	1.97E-08	1.97E-08	1.97E-08	1.31E-08	5.75E-09	3.96E-07
960	560839.06	4192318.77	2.40E-07	1.69E-07	2.43E-08	2.43E-08	2.43E-08	1.80E-08	1.09E-08	5.11E-07	1.72E-07	1.32E-07	1.88E-08	1.89E-08	1.88E-08	1.25E-08	5.49E-09	3.78E-07
961	560835.45	4192336.25	2.27E-07	1.60E-07	2.29E-08	2.30E-08	2.29E-08	1.70E-08	1.03E-08	4.82E-07	1.62E-07	1.24E-07	1.78E-08	1.78E-08	1.78E-08	1.18E-08	5.18E-09	3.57E-07
962	560831.84	4192353.74	2.11E-07	1.49E-07	2.13E-08	2.14E-08	2.13E-08	1.58E-08	9.58E-09	4.49E-07	1.51E-07	1.16E-07	1.65E-08	1.66E-08	1.65E-08	1.10E-08	4.82E-09	3.32E-07
963	560828.23	4192371.22	1.93E-07	1.36E-07	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.78E-09	4.12E-07	1.38E-07	1.06E-07	1.51E-08	1.52E-08	1.51E-08	1.01E-08	4.42E-09	3.04E-07
964	560832.88	4192299.26	2.33E-07	1.64E-07	2.36E-08	2.36E-08	2.36E-08	1.75E-08	1.06E-08	4.96E-07	1.67E-07	1.28E-07	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.33E-09	3.67E-07
965	560829.27	4192316.75	2.23E-07	1.57E-07	2.25E-08	2.26E-08	2.25E-08	1.67E-08	1.01E-08	4.74E-07	1.59E-07	1.22E-07	1.74E-08	1.75E-08	1.74E-08	1.16E-08	5.09E-09	3.50E-07
966	560825.66	4192334.23	2.10E-07	1.48E-07	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.54E-09	4.47E-07	1.50E-07	1.15E-07	1.64E-08	1.65E-08	1.64E-08	1.10E-08	4.80E-09	3.31E-07
967	560822.05	4192351.72	1.95E-07	1.38E-07	1.97E-08	1.98E-08	1.97E-08	1.46E-08	8.87E-09	4.16E-07	1.40E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.47E-09	3.07E-07
968	560818.44	4192369.2	1.79E-07	1.26E-07	1.81E-08	1.81E-08	1.81E-08	1.34E-08	8.12E-09	3.81E-07	1.28E-07	9.82E-08	1.40E-08	1.41E-08	1.40E-08	9.34E-09	4.09E-09	2.82E-07
969	560823.09	4192297.24	2.17E-07	1.53E-07	2.19E-08	2.20E-08	2.19E-08	1.63E-08	9.85E-09	4.62E-07	1.55E-07	1.19E-07	1.70E-08	1.70E-08	1.70E-08	1.13E-08	4.96E-09	3.42E-07
970	560819.48	4192314.72	2.07E-07	1.46E-07	2.09E-08	2.10E-08	2.09E-08	1.55E-08	9.40E-09	4.41E-07	1.48E-07	1.14E-07	1.62E-08	1.63E-08	1.62E-08	1.08E-08	4.73E-09	3.26E-07
971	560815.87	4192332.21	1.95E-07	1.37E-07	1.97E-08	1.98E-08	1.97E-08	1.46E-08	8.86E-09	4.15E-07	1.39E-07	1.07E-07	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.46E-09	3.07E-07
972	560812.25	4192349.69	1.81E-07	1.28E-07	1.83E-08	1.84E-08	1.83E-08	1.36E-08	8.23E-09	3.86E-07	1.30E-07	9.95E-08	1.42E-08	1.42E-08	1.42E-08	9.47E-09	4.15E-09	2.85E-07
973	560808.64	4192367.18	1.66E-07	1.17E-07	1.68E-08	1.68E-08	1.68E-08	1.24E-08	7.54E-09	3.53E-07	1.19E-07	9.11E-08	1.30E-08	1.30E-08	1.30E-08	8.67E-09	3.80E-09	2.61E-07
974	560813.29	4192295.22	2.02E-07	1.43E-07	2.04E-08	2.05E-08	2.04E-08	1.52E-08	9.19E-09	4.31E-07	1.45E-07	1.11E-07	1.59E-08	1.59E-08	1.59E-08	1.06E-08	4.63E-09	3.19E-07
975	560809.68	4192312.7	1.93E-07	1.36E-07	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.77E-09	4.11E-07	1.38E-07	1.06E-07	1.51E-08	1.52E-08	1.51E-08	1.01E-08	4.41E-09	3.04E-07
976	560806.07	4192330.19	1.82E-07	1.28E-07	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.25E-09	3.87E-07	1.30E-07	9.98E-08	1.42E-08	1.43E-08	1.42E-08	9.49E-09	4.16E-09	2.86E-07
977	560802.46	4192347.67	1.69E-07	1.19E-07	1.71E-08	1.71E-08	1.71E-08	1.26E-08	7.67E-09	3.59E-07	1.21E-07	9.27E-08	1.32E-08	1.33E-08	1.32E-08	8.82E-09	3.86E-09	2.66E-07
978	560798.85	4192365.15	1.54E-07	1.09E-07	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.02E-09	3.29E-07	1.10E-07	8.48E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	2.43E-07
979	560803.5	4192293.19	1.89E-07	1.33E-07	1.91E-08	1.92E-08	1.91E-08	1.42E-08	8.60E-09	4.03E-07	1.35E-07	1.04E-07	1.48E-08	1.49E-08	1.48E-08	9.89E-09	4.33E-09	2.98E-07
980	560799.89	4192310.68	1.80E-07	1.27E-07	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.19E-09	3.84E-07	1.29E-07	9.90E-08	1.41E-08	1.42E-08	1.41E-08	9.42E-09	4.12E-09	2.84E-07
981	560796.28	4192328.16	1.70E-07	1.20E-07	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.71E-09	3.61E-07	1.21E-07	9.32E-08	1.33E-08	1.33E-08	1.33E-08	8.87E-09	3.88E-09	2.67E-07
982	560792.67	4192345.65	1.57E-07	1.11E-07	1.59E-08	1.60E-08	1.59E-08	1.18E-08	7.16E-09	3.35E-07	1.13E-07	8.65E-08	1.23E-08	1.24E-08	1.23E-08	8.23E-09	3.60E-09	2.48E-07
983	560789.06	4192363.13	1.44E-07	1.02E-07	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.55E-09	3.07E-07	1.03E-07	7.91E-08	1.13E-08	1.13E-08	1.13E-08	7.53E-09	3.30E-09	2.27E-07
984	560793.71	4192291.17	1.77E-07	1.25E-07	1.79E-08	1.80E-08	1.79E-08	1.33E-08	8.06E-09	3.78E-07	1.27E-07	9.74E-08	1.39E-08	1.39E-08	1.39E-08	9.27E-09	4.06E-09	2.79E-07
985	560790.1	4192308.66	1.69E-07	1.19E-07	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.67E-09	3.59E-07	1.21E-07	9.27E-08	1.32E-08	1.33E-08	1.32E-08	8.82E-09	3.86E-09	2.66E-07
986	560786.49	4192326.14	1.59E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	3.38E-07	1.14E-07	8.72E-08	1.24E-08	1.25E-08	1.24E-08	8.30E-09	3.63E-09	2.50E-07
987	560782.87	4192343.62	1.47E-07	1.04E-07	1.49E-08	1.49E-08	1.49E-08	1.10E-08	6.69E-09	3.14E-07	1.05E-07	8.09E-08	1.15E-08	1.16E-08	1.15E-08	7.70E-09	3.37E-09	2.32E-07
988	560779.26	4192361.11	1.35E-07	9.50E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.12E-09	2.87E-07	9.64E-08	7.40E-08	1.06E-08	1.06E-08	1.06E-08	7.04E-09	3.08E-09	2.12E-07
989	560783.91	4192289.15	1.67E-07	1.17E-07	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.57E-09	3.54E-07	1.19E-07	9.15E-08	1.31E-08	1.31E-08	1.31E-08	8.70E-09	3.81E-09	2.62E-07
990	560780.3	4192306.63	1.58E-07	1.12E-07	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.20E-09	3.37E-07	1.13E-07	8.70E-08	1.24E-08	1.25E-08	1.24E-08	8.28E-09	3.63E-09	2.50E-07
991	560776.69	4192324.12	1.49E-07	1.05E-07	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.77E-09	3.17E-07	1.06E-07	8.18E-08	1.17E-08	1.17E-08	1.17E-08	7.78E-09	3.41E-09	2.35E-07
992	560773.08	4192341.6	1.38E-07	9.73E-08	1.40E-08	1.40E-08	1.40E-08	1.04E-08	6.27E-09	2.94E-07	9.88E-08	7.59E-08	1.08E-08	1.09E-08	1.08E-08	7.22E-09	3.16E-09	2.17E-07
993	560769.47	4192359.09	1.26E-07	8.90E-08	1.28E-08	1.28E-08	1.28E-08	9.47E-09	5.74E-09	2.69E-07	9.03E-08	6.94E-08	9.90E-09	9.93E-09	9.90E-09	6.60E-09	2.89E-09	1.99E-07
994	560774.12	4192287.13	1.57E-07	1.10E-07	1.58E-08	1.59E-08	1.58E-08	1.17E-08	7.12E-09	3.34E-07	1.12E-07	8.60E-08	1.23E-08	1.23E-08	1.23E-08	8.19E-09	3.58E-09	2.47E-07
995	560770.51	4192304.61	1.49E-07	1.05E-07	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.77E-09	3.17E-07	1.07E-07	8.18E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	2.35E-07
996	560766.9	4192322.1	1.40E-07	9.86E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.36E-09	2.98E-07	1.00E-07	7.69E-08	1.10E-08	1.10E-08	1.10E-08	7.31E-09	3.20E-09	2.20E-07
997	560763.29	4192339.58	1.30E-07	9.14E-08	1.31E-08	1.31E-08	1.31E-08	9.72E-09	5.89E-09	2.76E-07	9.28E-08	7.13E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
998	560759.68	4192357.06	1.19E-07	8.36E-08	1.20E-08	1.20E-08	1.20E-08	8.89E-09	5.39E-09	2.53E-07	8.49E-08	6.52E-08	9.30E-09	9.33E-09	9.30E-09	6.20E-09	2.71E-09	1.87E-07
999	560764.33	4192285.1	1.48E-07	1.04E-07	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.71E-09	3.14E-07	1.06E-07	8.11E-08	1.16E-08	1.16E-08	1.16E-08	7.71E-09	3.38E-09	2.33E-07
1000	560760.72	4192302.59	1.40E-07	9.89E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.38E-09	2.99E-07	1.00E-07	7.71E-08						

1004	560756.34	4192274.34	1.42E-07	1.00E-07	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.47E-09	3.03E-07	1.02E-07	7.82E-08	1.12E-08	1.12E-08	1.12E-08	7.44E-09	3.26E-09	2.24E-07
1005	560752.73	4192291.82	1.36E-07	9.59E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.18E-09	2.90E-07	9.73E-08	7.47E-08	1.07E-08	1.07E-08	1.07E-08	7.11E-09	3.11E-09	2.14E-07
1006	560749.12	4192309.31	1.28E-07	9.05E-08	1.30E-08	1.30E-08	1.30E-08	9.63E-09	5.84E-09	2.73E-07	9.18E-08	7.05E-08	1.01E-08	1.01E-08	1.01E-08	6.71E-09	2.94E-09	2.02E-07
1007	560745.51	4192326.79	1.20E-07	8.44E-08	1.21E-08	1.21E-08	1.21E-08	8.98E-09	5.44E-09	2.55E-07	8.57E-08	6.58E-08	9.39E-09	9.41E-09	9.39E-09	6.26E-09	2.74E-09	1.89E-07
1008	560741.9	4192344.28	1.10E-07	7.77E-08	1.11E-08	1.12E-08	1.11E-08	8.27E-09	5.01E-09	2.35E-07	7.89E-08	6.06E-08	8.64E-09	8.67E-09	8.64E-09	5.76E-09	2.52E-09	1.74E-07
1009	560746.55	4192272.32	1.35E-07	9.49E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.12E-09	2.87E-07	9.63E-08	7.39E-08	1.06E-08	1.06E-08	1.06E-08	7.03E-09	3.08E-09	2.12E-07
1010	560742.94	4192289.8	1.29E-07	9.06E-08	1.30E-08	1.30E-08	1.30E-08	9.64E-09	5.84E-09	2.74E-07	9.19E-08	7.06E-08	1.01E-08	1.01E-08	1.01E-08	6.72E-09	2.94E-09	2.02E-07
1011	560739.33	4192307.28	1.21E-07	8.55E-08	1.23E-08	1.23E-08	1.23E-08	9.09E-09	5.51E-09	2.58E-07	8.68E-08	6.66E-08	9.51E-09	9.53E-09	9.51E-09	6.34E-09	2.78E-09	1.91E-07
1012	560735.71	4192324.77	1.13E-07	7.97E-08	1.14E-08	1.15E-08	1.14E-08	8.48E-09	5.14E-09	2.41E-07	8.09E-08	6.21E-08	8.86E-09	8.89E-09	8.86E-09	5.91E-09	2.59E-09	1.78E-07
1013	560732.1	4192342.25	1.04E-07	7.34E-08	1.05E-08	1.06E-08	1.05E-08	7.81E-09	4.73E-09	2.22E-07	7.45E-08	5.72E-08	8.16E-09	8.19E-09	8.16E-09	5.44E-09	2.38E-09	1.64E-07
1014	560736.75	4192270.29	1.27E-07	8.98E-08	1.29E-08	1.29E-08	1.29E-08	9.55E-09	5.79E-09	2.71E-07	9.12E-08	7.00E-08	9.99E-09	1.00E-08	9.99E-09	6.66E-09	2.92E-09	2.01E-07
1015	560733.14	4192287.78	1.22E-07	8.57E-08	1.23E-08	1.23E-08	1.23E-08	9.12E-09	5.53E-09	2.59E-07	8.70E-08	6.68E-08	9.53E-09	9.56E-09	9.53E-09	6.36E-09	2.78E-09	1.92E-07
1016	560729.53	4192305.26	1.15E-07	8.09E-08	1.16E-08	1.16E-08	1.16E-08	8.60E-09	5.21E-09	2.44E-07	8.20E-08	6.30E-08	8.99E-09	9.02E-09	8.99E-09	6.00E-09	2.62E-09	1.81E-07
1017	560725.92	4192322.75	1.07E-07	7.54E-08	1.08E-08	1.08E-08	1.08E-08	8.02E-09	4.86E-09	2.28E-07	7.65E-08	5.87E-08	8.38E-09	8.40E-09	8.38E-09	5.59E-09	2.45E-09	1.68E-07
1018	560722.31	4192340.23	9.85E-08	6.94E-08	9.96E-09	9.98E-09	9.96E-09	7.38E-09	4.48E-09	2.10E-07	7.04E-08	5.41E-08	7.72E-09	7.74E-09	7.72E-09	5.15E-09	2.25E-09	1.55E-07
1019	560726.96	4192268.27	1.21E-07	8.52E-08	1.22E-08	1.22E-08	1.22E-08	9.06E-09	5.49E-09	2.57E-07	8.64E-08	6.64E-08	9.47E-09	9.50E-09	9.47E-09	6.31E-09	2.76E-09	1.90E-07
1020	560723.35	4192285.76	1.15E-07	8.12E-08	1.16E-08	1.17E-08	1.16E-08	8.64E-09	5.24E-09	2.45E-07	8.24E-08	6.33E-08	9.03E-09	9.06E-09	9.03E-09	6.02E-09	2.64E-09	1.81E-07
1021	560719.74	4192303.24	1.09E-07	7.66E-08	1.10E-08	1.10E-08	1.10E-08	8.15E-09	4.94E-09	2.31E-07	7.77E-08	5.97E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	1.71E-07
1022	560716.13	4192320.72	1.01E-07	7.14E-08	1.02E-08	1.03E-08	1.02E-08	7.59E-09	4.60E-09	2.16E-07	7.24E-08	5.56E-08	7.94E-09	7.96E-09	7.94E-09	5.29E-09	2.32E-09	1.60E-07
1023	560712.52	4192338.21	9.33E-08	6.58E-08	9.43E-09	9.46E-09	9.43E-09	6.99E-09	4.24E-09	1.99E-07	6.67E-08	5.13E-08	7.31E-09	7.33E-09	7.31E-09	4.88E-09	2.13E-09	1.47E-07
1024	560717.17	4192266.25	1.15E-07	8.09E-08	1.16E-08	1.16E-08	1.16E-08	8.60E-09	5.21E-09	2.44E-07	8.20E-08	6.30E-08	8.99E-09	9.02E-09	8.99E-09	5.99E-09	2.62E-09	1.81E-07
1025	560713.56	4192283.73	1.09E-07	7.71E-08	1.11E-08	1.11E-08	1.11E-08	8.20E-09	4.97E-09	2.33E-07	7.82E-08	6.01E-08	8.57E-09	8.60E-09	8.57E-09	5.71E-09	2.50E-09	1.72E-07
1026	560709.95	4192301.22	1.03E-07	7.27E-08	1.04E-08	1.05E-08	1.04E-08	7.73E-09	4.69E-09	2.19E-07	7.37E-08	5.66E-08	8.08E-09	8.10E-09	8.08E-09	5.39E-09	2.36E-09	1.62E-07
1027	560706.33	4192318.7	9.61E-08	6.77E-08	9.71E-09	9.74E-09	9.71E-09	7.20E-09	4.37E-09	2.05E-07	6.87E-08	5.28E-08	7.53E-09	7.55E-09	7.53E-09	5.02E-09	2.20E-09	1.51E-07
1028	560702.72	4192336.19	8.85E-08	6.24E-08	8.95E-09	8.97E-09	8.95E-09	6.64E-09	4.02E-09	1.88E-07	6.33E-08	4.86E-08	6.94E-09	6.96E-09	6.94E-09	4.63E-09	2.03E-09	1.39E-07
1029	560873.71	4192396.88	2.76E-07	1.94E-07	2.79E-08	2.80E-08	2.79E-08	2.07E-08	1.25E-08	5.87E-07	1.97E-07	1.51E-07	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.31E-09	4.34E-07
1030	560863.95	4192394.71	2.49E-07	1.76E-07	2.52E-08	2.53E-08	2.52E-08	1.87E-08	1.13E-08	5.31E-07	1.78E-07	1.37E-07	1.96E-08	1.96E-08	1.96E-08	1.30E-08	5.71E-09	3.93E-07
1031	560860.04	4192412.26	2.21E-07	1.56E-07	2.23E-08	2.24E-08	2.23E-08	1.66E-08	1.00E-08	4.70E-07	1.58E-07	1.21E-07	1.73E-08	1.74E-08	1.73E-08	1.15E-08	5.06E-09	3.48E-07
1032	560856.12	4192429.81	1.92E-07	1.35E-07	1.94E-08	1.95E-08	1.94E-08	1.44E-08	8.73E-09	4.09E-07	1.37E-07	1.06E-07	1.51E-08	1.51E-08	1.51E-08	1.00E-08	4.40E-09	3.03E-07
1033	560854.19	4192392.53	2.27E-07	1.60E-07	2.30E-08	2.30E-08	2.30E-08	1.70E-08	1.03E-08	4.83E-07	1.62E-07	1.25E-07	1.78E-08	1.78E-08	1.78E-08	1.19E-08	5.20E-09	3.58E-07
1034	560850.28	4192410.08	2.01E-07	1.42E-07	2.03E-08	2.04E-08	2.03E-08	1.51E-08	9.13E-09	4.28E-07	1.44E-07	1.10E-07	1.57E-08	1.58E-08	1.57E-08	1.05E-08	4.60E-09	3.16E-07
1035	560846.36	4192427.63	1.75E-07	1.23E-07	1.76E-08	1.77E-08	1.76E-08	1.31E-08	7.93E-09	3.71E-07	1.25E-07	9.58E-08	1.37E-08	1.37E-08	1.37E-08	9.12E-09	3.99E-09	2.75E-07
1036	560844.43	4192390.35	2.08E-07	1.47E-07	2.10E-08	2.11E-08	2.10E-08	1.56E-08	9.45E-09	4.43E-07	1.49E-07	1.14E-07	1.63E-08	1.63E-08	1.63E-08	1.09E-08	4.76E-09	3.28E-07
1037	560842.48	4192399.13	1.96E-07	1.38E-07	1.98E-08	1.98E-08	1.98E-08	1.47E-08	8.90E-09	4.17E-07	1.40E-07	1.08E-07	1.53E-08	1.54E-08	1.53E-08	1.02E-08	4.48E-09	3.08E-07
1038	560838.56	4192416.68	1.72E-07	1.21E-07	1.74E-08	1.74E-08	1.74E-08	1.29E-08	7.81E-09	3.66E-07	1.23E-07	9.44E-08	1.35E-08	1.35E-08	1.35E-08	8.98E-09	3.93E-09	2.71E-07
1039	560834.65	4192434.23	1.49E-07	1.05E-07	1.50E-08	1.51E-08	1.50E-08	1.11E-08	6.75E-09	3.16E-07	1.06E-07	8.16E-08	1.16E-08	1.17E-08	1.16E-08	7.76E-09	3.40E-09	2.34E-07
1040	560834.67	4192388.18	1.92E-07	1.35E-07	1.94E-08	1.94E-08	1.94E-08	1.44E-08	8.71E-09	4.08E-07	1.37E-07	1.05E-07	1.50E-08	1.51E-08	1.50E-08	1.00E-08	4.39E-09	3.02E-07
1041	560830.76	4192405.73	1.70E-07	1.20E-07	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.71E-09	3.61E-07	1.21E-07	9.31E-08	1.33E-08	1.33E-08	1.33E-08	8.86E-09	3.88E-09	2.67E-07
1042	560826.84	4192423.28	1.48E-07	1.04E-07	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.71E-09	3.14E-07	1.06E-07	8.11E-08	1.16E-08	1.16E-08	1.16E-08	7.72E-09	3.38E-09	2.33E-07
1043	560824.91	4192386	1.77E-07	1.25E-07	1.79E-08	1.79E-08	1.79E-08	1.33E-08	8.04E-09	3.76E-07	1.26E-07	9.71E-08	1.39E-08	1.39E-08	1.39E-08	9.24E-09	4.05E-09	2.79E-07
1044	560821	4192403.55	1.57E-07	1.10E-07	1.58E-08	1.59E-08	1.58E-08	1.17E-08	7.12E-09	3.33E-07	1.12E-07	8.60E-08	1.23E-08	1.23E-08	1.23E-08	8.18E-09	3.58E-09	2.47E-07
1045	560817.08	4192421.1	1.36E-07	9.61E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	2.90E-07	9.75E-08	7.49E-08	1.07E-08	1.07E-08	1.07E-08	7.12E-09	3.12E-09	2.15E-07
1046	560815.13	4192429.88	1.27E-07	8.92E-08	1.28E-08	1.28E-08	1.28E-08	9.49E-09	5.75E-09	2.69E-07	9.05E-08	6.95E-08	9.92E-09	9.95E-09	9.92E-09	6.61E-09	2.90E-09	1.99E-07
1047	560815.15	4192383.82	1.64E-07	1.15E-07	1.65E-08	1.66E-08	1.65E-08	1.23E-08	7.44E-09	3.49E-07	1.17E-07	8.99E-08	1.28E-08	1.29E-08	1.28E-08	8.55E-09	3.75E-09	2.58E-07
1048	560811.24	4192401.38	1.45E-07	1.02E-07	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.59E-09	3.09E-07	1.04E-07	7.96E-08	1.14E-08	1.14E-08	1.14E-08	7.58E-09	3.32E-09	2.28E-07
1049	560807.32	4192418.93	1.26E-07	8.91E-08	1.28E-08	1.28E-08	1.28E-08	9.47E-09	5.74E-09	2.69E-07	9.04E-08	6.94E-08	9.91E-09	9.93E-09	9.91E-09	6.60E-09	2.89E-09	1.99E-07
1050	560805.39	4192381.65	1.52E-07	1.07E-07	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	3.24E-07	1.09E-07	8.35E-08	1.19E-08	1.20E-08	1.19E-08	7.95E-09	3.48E-09	2.39E-07
1051	560801.48	4192399.2	1.35E-07	9.50E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.12E-09	2.87E-07	9.64E-08	7.40E-08	1.06E-08	1.06E-08	1.06E-08	7.04E-09	3.08E-09	2.12E-07
1052	560797.56	4192416.75	1.18E-07	8.29E-08	1.19E-08	1.19E-08	1.19E-08	8.81E-09	5.34E-09	2.50E-07	8.41E-08	6.46E-08	9.22E-09	9.24E-09	9.22E-09	6.15E-09	2.69E-09	1.85E-07
1053	560795.63	4192379.47	1.42E-07	9.98E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08										

1057	560781.96	4192394.85	1.17E-07	8.28E-08	1.19E-08	1.19E-08	1.19E-08	8.80E-09	5.34E-09	2.50E-07	8.40E-08	6.45E-08	9.21E-09	9.23E-09	9.21E-09	6.14E-09	2.69E-09	1.85E-07
1058	560778.04	4192412.4	1.03E-07	7.25E-08	1.04E-08	1.04E-08	1.04E-08	7.70E-09	4.67E-09	2.19E-07	7.35E-08	5.65E-08	8.06E-09	8.08E-09	8.06E-09	5.37E-09	2.35E-09	1.62E-07
1059	560776.11	4192375.12	1.24E-07	8.73E-08	1.25E-08	1.26E-08	1.25E-08	9.29E-09	5.63E-09	2.64E-07	8.86E-08	6.81E-08	9.71E-09	9.74E-09	9.71E-09	6.47E-09	2.83E-09	1.95E-07
1060	560774.15	4192383.89	1.17E-07	8.25E-08	1.18E-08	1.19E-08	1.18E-08	8.77E-09	5.32E-09	2.49E-07	8.37E-08	6.43E-08	9.17E-09	9.20E-09	9.17E-09	6.11E-09	2.68E-09	1.84E-07
1061	560770.24	4192401.44	1.03E-07	7.28E-08	1.04E-08	1.05E-08	1.04E-08	7.74E-09	4.69E-09	2.20E-07	7.38E-08	5.67E-08	8.09E-09	8.11E-09	8.09E-09	5.40E-09	2.36E-09	1.63E-07
1062	560766.32	4192419	8.99E-08	6.34E-08	9.09E-09	9.11E-09	9.09E-09	6.74E-09	4.09E-09	1.91E-07	6.43E-08	4.94E-08	7.05E-09	7.07E-09	7.05E-09	4.70E-09	2.06E-09	1.42E-07
1063	560766.35	4192372.94	1.16E-07	8.20E-08	1.18E-08	1.18E-08	1.18E-08	8.72E-09	5.28E-09	2.48E-07	8.32E-08	6.39E-08	9.11E-09	9.14E-09	9.11E-09	6.08E-09	2.66E-09	1.83E-07
1064	560762.44	4192390.49	1.03E-07	7.29E-08	1.05E-08	1.05E-08	1.05E-08	7.75E-09	4.70E-09	2.20E-07	7.40E-08	5.68E-08	8.11E-09	8.13E-09	8.11E-09	5.41E-09	2.37E-09	1.63E-07
1065	560758.52	4192408.04	9.08E-08	6.40E-08	9.18E-09	9.20E-09	9.18E-09	6.81E-09	4.13E-09	1.93E-07	6.49E-08	4.99E-08	7.12E-09	7.14E-09	7.12E-09	4.75E-09	2.08E-09	1.43E-07
1066	560756.59	4192370.76	1.09E-07	7.71E-08	1.11E-08	1.11E-08	1.11E-08	8.20E-09	4.97E-09	2.33E-07	7.82E-08	6.01E-08	8.57E-09	8.60E-09	8.57E-09	5.72E-09	2.50E-09	1.72E-07
1067	560752.68	4192388.32	9.74E-08	6.87E-08	9.85E-09	9.87E-09	9.85E-09	7.30E-09	4.43E-09	2.07E-07	6.97E-08	5.35E-08	7.63E-09	7.66E-09	7.63E-09	5.09E-09	2.23E-09	1.53E-07
1068	560748.76	4192405.87	8.57E-08	6.04E-08	8.66E-09	8.68E-09	8.66E-09	6.42E-09	3.89E-09	1.82E-07	6.13E-08	4.70E-08	6.71E-09	6.73E-09	6.71E-09	4.48E-09	1.96E-09	1.35E-07
1069	560746.8	4192414.64	8.00E-08	5.64E-08	8.08E-09	8.11E-09	8.08E-09	6.00E-09	3.63E-09	1.70E-07	5.72E-08	4.39E-08	6.27E-09	6.29E-09	6.27E-09	4.18E-09	1.83E-09	1.26E-07
1070	560746.83	4192368.59	1.03E-07	7.27E-08	1.04E-08	1.04E-08	1.04E-08	7.73E-09	4.68E-09	2.19E-07	7.37E-08	5.66E-08	8.08E-09	8.10E-09	8.08E-09	5.39E-09	2.36E-09	1.62E-07
1071	560742.92	4192386.14	9.19E-08	6.48E-08	9.29E-09	9.32E-09	9.29E-09	6.89E-09	4.18E-09	1.96E-07	6.57E-08	5.05E-08	7.20E-09	7.22E-09	7.20E-09	4.80E-09	2.10E-09	1.45E-07
1072	560739	4192403.69	8.09E-08	5.71E-08	8.18E-09	8.20E-09	8.18E-09	6.07E-09	3.68E-09	1.72E-07	5.79E-08	4.45E-08	6.34E-09	6.36E-09	6.34E-09	4.23E-09	1.85E-09	1.27E-07
1073	560739.03	4192357.63	1.03E-07	7.23E-08	1.04E-08	1.04E-08	1.04E-08	7.69E-09	4.66E-09	2.18E-07	7.34E-08	5.63E-08	8.04E-09	8.06E-09	8.04E-09	5.36E-09	2.35E-09	1.62E-07
1074	560735.11	4192375.19	9.21E-08	6.49E-08	9.31E-09	9.34E-09	9.31E-09	6.90E-09	4.19E-09	1.96E-07	6.59E-08	5.06E-08	7.22E-09	7.24E-09	7.22E-09	4.81E-09	2.11E-09	1.45E-07
1075	560731.2	4192392.74	8.17E-08	5.76E-08	8.26E-09	8.28E-09	8.26E-09	6.13E-09	3.71E-09	1.74E-07	5.84E-08	4.49E-08	6.40E-09	6.42E-09	6.40E-09	4.27E-09	1.87E-09	1.29E-07
1076	560727.28	4192410.29	7.17E-08	5.06E-08	7.25E-09	7.27E-09	7.25E-09	5.38E-09	3.26E-09	1.53E-07	5.13E-08	3.94E-08	5.62E-09	5.64E-09	5.62E-09	3.75E-09	1.64E-09	1.13E-07
1077	560729.27	4192355.46	9.70E-08	6.84E-08	9.80E-09	9.83E-09	9.80E-09	7.27E-09	4.41E-09	2.06E-07	6.94E-08	5.33E-08	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	1.53E-07
1078	560725.35	4192373.01	8.72E-08	6.15E-08	8.81E-09	8.84E-09	8.81E-09	6.53E-09	3.96E-09	1.86E-07	6.23E-08	4.79E-08	6.83E-09	6.85E-09	6.83E-09	4.56E-09	1.99E-09	1.37E-07
1079	560721.44	4192390.56	7.75E-08	5.46E-08	7.83E-09	7.85E-09	7.83E-09	5.81E-09	3.52E-09	1.65E-07	5.54E-08	4.25E-08	6.07E-09	6.09E-09	6.07E-09	4.05E-09	1.77E-09	1.22E-07
1080	560717.52	4192408.11	6.81E-08	4.80E-08	6.88E-09	6.90E-09	6.88E-09	5.10E-09	3.09E-09	1.45E-07	4.87E-08	3.74E-08	5.34E-09	5.35E-09	5.34E-09	3.56E-09	1.56E-09	1.07E-07
1081	560719.51	4192353.28	9.19E-08	6.48E-08	9.28E-09	9.31E-09	9.28E-09	6.89E-09	4.17E-09	1.96E-07	6.57E-08	5.05E-08	7.20E-09	7.22E-09	7.20E-09	4.80E-09	2.10E-09	1.45E-07
1082	560715.59	4192370.83	8.27E-08	5.83E-08	8.35E-09	8.38E-09	8.35E-09	6.20E-09	3.76E-09	1.76E-07	5.91E-08	4.54E-08	6.48E-09	6.50E-09	6.48E-09	4.32E-09	1.89E-09	1.30E-07
1083	560711.68	4192388.38	7.35E-08	5.18E-08	7.43E-09	7.45E-09	7.43E-09	5.51E-09	3.34E-09	1.57E-07	5.26E-08	4.04E-08	5.76E-09	5.78E-09	5.76E-09	3.84E-09	1.68E-09	1.16E-07
1084	560707.76	4192405.94	6.48E-08	4.56E-08	6.55E-09	6.56E-09	6.55E-09	4.85E-09	2.94E-09	1.38E-07	4.63E-08	3.56E-08	5.08E-09	5.09E-09	5.08E-09	3.38E-09	1.48E-09	1.02E-07
1085	560709.75	4192351.1	8.71E-08	6.14E-08	8.81E-09	8.83E-09	8.81E-09	6.53E-09	3.96E-09	1.85E-07	6.23E-08	4.79E-08	6.83E-09	6.85E-09	6.83E-09	4.55E-09	1.99E-09	1.37E-07
1086	560707.79	4192359.88	8.28E-08	5.84E-08	8.37E-09	8.39E-09	8.37E-09	6.21E-09	3.76E-09	1.76E-07	5.92E-08	4.55E-08	6.49E-09	6.51E-09	6.49E-09	4.33E-09	1.89E-09	1.30E-07
1087	560703.87	4192377.43	7.42E-08	5.23E-08	7.50E-09	7.52E-09	7.50E-09	5.56E-09	3.37E-09	1.58E-07	5.30E-08	4.07E-08	5.81E-09	5.83E-09	5.81E-09	3.88E-09	1.70E-09	1.17E-07
1088	560699.96	4192394.98	6.57E-08	4.63E-08	6.64E-09	6.66E-09	6.64E-09	4.93E-09	2.99E-09	1.40E-07	4.70E-08	3.61E-08	5.15E-09	5.17E-09	5.15E-09	3.43E-09	1.50E-09	1.04E-07
1089	560699.99	4192348.93	8.28E-08	5.83E-08	8.36E-09	8.39E-09	8.36E-09	6.20E-09	3.76E-09	1.76E-07	5.92E-08	4.55E-08	6.49E-09	6.50E-09	6.49E-09	4.32E-09	1.89E-09	1.30E-07
1090	560696.07	4192366.48	7.46E-08	5.26E-08	7.54E-09	7.56E-09	7.54E-09	5.59E-09	3.39E-09	1.59E-07	5.34E-08	4.10E-08	5.85E-09	5.86E-09	5.85E-09	3.90E-09	1.71E-09	1.17E-07
1091	560692.16	4192384.03	6.66E-08	4.69E-08	6.73E-09	6.75E-09	6.73E-09	4.99E-09	3.02E-09	1.42E-07	4.76E-08	3.66E-08	5.22E-09	5.23E-09	5.22E-09	3.48E-09	1.52E-09	1.05E-07
1092	560688.24	4192401.58	5.88E-08	4.15E-08	5.95E-09	5.96E-09	5.95E-09	4.41E-09	2.67E-09	1.25E-07	4.21E-08	3.23E-08	4.61E-09	4.62E-09	4.61E-09	3.07E-09	1.35E-09	9.27E-08
1093	560852.07	4192453.7	1.58E-07	1.11E-07	1.59E-08	1.60E-08	1.59E-08	1.18E-08	7.16E-09	3.36E-07	1.13E-07	8.66E-08	1.24E-08	1.24E-08	1.24E-08	8.24E-09	3.61E-09	2.48E-07
1094	560842.16	4192452.6	1.42E-07	1.00E-07	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.45E-09	3.02E-07	1.01E-07	7.79E-08	1.11E-08	1.11E-08	1.11E-08	7.41E-09	3.25E-09	2.23E-07
1095	560840.53	4192469.82	1.24E-07	8.77E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.66E-09	2.65E-07	8.90E-08	6.84E-08	9.75E-09	9.78E-09	9.75E-09	6.50E-09	2.85E-09	1.96E-07
1096	560832.25	4192451.5	1.29E-07	9.11E-08	1.31E-08	1.31E-08	1.31E-08	9.69E-09	5.87E-09	2.75E-07	9.25E-08	7.10E-08	1.01E-08	1.02E-08	1.01E-08	6.76E-09	2.96E-09	2.04E-07
1097	560830.55	4192469.27	1.13E-07	7.95E-08	1.14E-08	1.14E-08	1.14E-08	8.46E-09	5.13E-09	2.40E-07	8.07E-08	6.20E-08	8.84E-09	8.87E-09	8.84E-09	5.90E-09	2.58E-09	1.78E-07
1098	560822.03	4192452.7	1.16E-07	8.16E-08	1.17E-08	1.17E-08	1.17E-08	8.68E-09	5.26E-09	2.47E-07	8.28E-08	6.36E-08	9.08E-09	9.10E-09	9.08E-09	6.05E-09	2.65E-09	1.82E-07
1099	560823.93	4192438.94	1.30E-07	9.14E-08	1.31E-08	1.31E-08	1.31E-08	9.72E-09	5.89E-09	2.76E-07	9.27E-08	7.12E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	2.04E-07
1100	560820.56	4192468.71	1.02E-07	7.21E-08	1.03E-08	1.04E-08	1.03E-08	7.67E-09	4.65E-09	2.18E-07	7.31E-08	5.62E-08	8.02E-09	8.04E-09	8.02E-09	5.34E-09	2.34E-09	1.61E-07
1101	560812.1	4192451.74	1.06E-07	7.46E-08	1.07E-08	1.07E-08	1.07E-08	7.94E-09	4.81E-09	2.25E-07	7.57E-08	5.82E-08	8.30E-09	8.32E-09	8.30E-09	5.53E-09	2.42E-09	1.67E-07
1102	560810.58	4192468.15	9.31E-08	6.56E-08	9.41E-09	9.44E-09	9.41E-09	6.98E-09	4.23E-09	1.98E-07	6.66E-08	5.11E-08	7.30E-09	7.32E-09	7.30E-09	4.86E-09	2.13E-09	1.47E-07
1103	560802.17	4192450.77	9.73E-08	6.86E-08	9.83E-09	9.86E-09	9.83E-09	7.29E-09	4.42E-09	2.07E-07	6.96E-08	5.34E-08	7.63E-09	7.65E-09	7.63E-09	5.08E-09	2.23E-09	1.53E-07
1104	560804.3	4192435.39	1.10E-07	7.78E-08	1.12E-08	1.12E-08	1.12E-08	8.28E-09	5.02E-09	2.35E-07	7.90E-08	6.06E-08	8.65E-09	8.68E-09	8.65E-09	5.77E-09	2.53E-09	1.74E-07
1105	560800.6	4192467.59	8.52E-08	6.01E-08	8.61E-09	8.64E-09	8.61E-09	6.39E-09	3.87E-09	1.81E-07	6.09E-08	4.68E-08	6.68E-09	6.70E-09	6.68E-09	4.45E-09	1.95E-09	1.34E-07
1106	560792.24	4192449.81	8.98E-08	6.33E-08	9.08E-09	9.10E-09	9.08E-09	6.73E-09	4.08E									

1110	560772.39	4192447.89	7.74E-08	5.45E-08	7.82E-09	7.84E-09	7.82E-09	5.80E-09	3.52E-09	1.65E-07	5.53E-08	4.25E-08	6.06E-09	6.08E-09	6.06E-09	4.04E-09	1.77E-09	1.22E-07
1111	560773.62	4192438.98	8.32E-08	5.86E-08	8.41E-09	8.43E-09	8.41E-09	6.24E-09	3.78E-09	1.77E-07	5.95E-08	4.57E-08	6.52E-09	6.54E-09	6.52E-09	4.35E-09	1.90E-09	1.31E-07
1112	560774.85	4192430.08	8.93E-08	6.30E-08	9.03E-09	9.05E-09	9.03E-09	6.70E-09	4.06E-09	1.90E-07	6.39E-08	4.91E-08	7.00E-09	7.02E-09	7.00E-09	4.67E-09	2.04E-09	1.41E-07
1113	560762.2	4192448.78	7.11E-08	5.01E-08	7.19E-09	7.20E-09	7.19E-09	5.33E-09	3.23E-09	1.51E-07	5.08E-08	3.90E-08	5.57E-09	5.59E-09	5.57E-09	3.71E-09	1.63E-09	1.12E-07
1114	560764.26	4192433.89	8.01E-08	5.65E-08	8.10E-09	8.12E-09	8.10E-09	6.01E-09	3.64E-09	1.71E-07	5.73E-08	4.40E-08	6.28E-09	6.30E-09	6.28E-09	4.19E-09	1.83E-09	1.26E-07
1115	560752.26	4192447.9	6.65E-08	4.69E-08	6.72E-09	6.74E-09	6.72E-09	4.98E-09	3.02E-09	1.41E-07	4.75E-08	3.65E-08	5.21E-09	5.22E-09	5.21E-09	3.47E-09	1.52E-09	1.05E-07
1116	560754.41	4192432.36	7.52E-08	5.30E-08	7.60E-09	7.62E-09	7.60E-09	5.64E-09	3.42E-09	1.60E-07	5.38E-08	4.13E-08	5.90E-09	5.91E-09	5.90E-09	3.93E-09	1.72E-09	1.18E-07
1117	560742.32	4192447.02	6.23E-08	4.39E-08	6.30E-09	6.32E-09	6.30E-09	4.67E-09	2.83E-09	1.33E-07	4.46E-08	3.42E-08	4.88E-09	4.90E-09	4.88E-09	3.26E-09	1.43E-09	9.81E-08
1118	560744.56	4192430.83	7.08E-08	4.99E-08	7.15E-09	7.17E-09	7.15E-09	5.31E-09	3.22E-09	1.51E-07	5.06E-08	3.89E-08	5.55E-09	5.56E-09	5.55E-09	3.70E-09	1.62E-09	1.11E-07
1119	560732.38	4192446.14	5.86E-08	4.13E-08	5.92E-09	5.93E-09	5.92E-09	4.39E-09	2.66E-09	1.25E-07	4.19E-08	3.22E-08	4.59E-09	4.60E-09	4.59E-09	3.06E-09	1.34E-09	9.22E-08
1120	560734.71	4192429.3	6.67E-08	4.70E-08	6.75E-09	6.76E-09	6.75E-09	5.00E-09	3.03E-09	1.42E-07	4.77E-08	3.67E-08	5.23E-09	5.25E-09	5.23E-09	3.49E-09	1.53E-09	1.05E-07
1121	560722.44	4192445.26	5.51E-08	3.89E-08	5.57E-09	5.59E-09	5.57E-09	4.13E-09	2.51E-09	1.17E-07	3.94E-08	3.03E-08	4.32E-09	4.33E-09	4.32E-09	2.88E-09	1.26E-09	8.68E-08
1122	560724.86	4192427.77	6.31E-08	4.45E-08	6.37E-09	6.39E-09	6.37E-09	4.73E-09	2.87E-09	1.34E-07	4.51E-08	3.46E-08	4.94E-09	4.96E-09	4.94E-09	3.30E-09	1.44E-09	9.93E-08
1123	560712.29	4192445.89	5.14E-08	3.63E-08	5.20E-09	5.21E-09	5.20E-09	3.86E-09	2.34E-09	1.10E-07	3.68E-08	2.83E-08	4.03E-09	4.04E-09	4.03E-09	2.69E-09	1.18E-09	8.10E-08
1124	560714.38	4192430.78	5.77E-08	4.07E-08	5.83E-09	5.85E-09	5.83E-09	4.33E-09	2.62E-09	1.23E-07	4.13E-08	3.17E-08	4.52E-09	4.54E-09	4.52E-09	3.02E-09	1.32E-09	9.09E-08
1125	560702.35	4192445.06	4.86E-08	3.43E-08	4.92E-09	4.93E-09	4.92E-09	3.65E-09	2.21E-09	1.04E-07	3.48E-08	2.67E-08	3.81E-09	3.82E-09	3.81E-09	2.54E-09	1.11E-09	7.66E-08
1126	560704.51	4192429.41	5.47E-08	3.85E-08	5.53E-09	5.54E-09	5.53E-09	4.10E-09	2.48E-09	1.16E-07	3.91E-08	3.00E-08	4.29E-09	4.30E-09	4.29E-09	2.86E-09	1.25E-09	8.61E-08
1127	560692.4	4192444.23	4.61E-08	3.25E-08	4.65E-09	4.67E-09	4.65E-09	3.45E-09	2.09E-09	9.80E-08	3.29E-08	2.53E-08	3.61E-09	3.62E-09	3.61E-09	2.41E-09	1.05E-09	7.25E-08
1128	560694.64	4192428.04	5.19E-08	3.66E-08	5.25E-09	5.26E-09	5.25E-09	3.89E-09	2.36E-09	1.11E-07	3.71E-08	2.85E-08	4.07E-09	4.08E-09	4.07E-09	2.71E-09	1.19E-09	8.18E-08
1129	560696.88	4192411.85	5.83E-08	4.11E-08	5.90E-09	5.91E-09	5.90E-09	4.37E-09	2.65E-09	1.24E-07	4.17E-08	3.20E-08	4.57E-09	4.58E-09	4.57E-09	3.05E-09	1.33E-09	9.19E-08
1130	560682.45	4192443.41	4.37E-08	3.08E-08	4.41E-09	4.43E-09	4.41E-09	3.27E-09	1.98E-09	9.30E-08	3.12E-08	2.40E-08	3.42E-09	3.43E-09	3.42E-09	2.28E-09	9.99E-10	6.88E-08
1131	560684.77	4192426.68	4.94E-08	3.48E-08	4.99E-09	5.00E-09	4.99E-09	3.70E-09	2.24E-09	1.05E-07	3.53E-08	2.71E-08	3.87E-09	3.88E-09	3.87E-09	2.58E-09	1.13E-09	7.77E-08
1132	561570.52	4192469.82	5.77E-08	4.07E-08	5.84E-09	5.85E-09	5.84E-09	4.33E-09	2.62E-09	1.23E-07	4.13E-08	3.17E-08	4.53E-09	4.54E-09	4.53E-09	3.02E-09	1.32E-09	9.09E-08
1133	561116.53	4192515.88	1.10E-05	7.76E-06	1.11E-06	1.12E-06	1.11E-06	8.25E-07	5.00E-07	2.34E-05	7.87E-06	6.04E-06	8.62E-07	8.65E-07	8.62E-07	5.75E-07	2.52E-07	1.73E-05
1134	561122.24	4192517.22	1.09E-05	7.71E-06	1.11E-06	1.11E-06	1.11E-06	8.20E-07	4.97E-07	2.33E-05	7.82E-06	6.01E-06	8.57E-07	8.60E-07	8.57E-07	5.71E-07	2.50E-07	1.72E-05
1135	561127.38	4192518.55	1.08E-05	7.59E-06	1.09E-06	1.09E-06	1.09E-06	8.07E-07	4.90E-07	2.29E-05	7.70E-06	5.92E-06	8.44E-07	8.47E-07	8.44E-07	5.63E-07	2.46E-07	1.70E-05
1136	561132.34	4192519.69	1.05E-05	7.43E-06	1.07E-06	1.07E-06	1.07E-06	7.90E-07	4.79E-07	2.24E-05	7.54E-06	5.79E-06	8.26E-07	8.29E-07	8.26E-07	5.51E-07	2.41E-07	1.66E-05
1137	561136.53	4192520.84	1.03E-05	7.26E-06	1.04E-06	1.04E-06	1.04E-06	7.71E-07	4.68E-07	2.19E-05	7.36E-06	5.65E-06	8.07E-07	8.09E-07	8.07E-07	5.38E-07	2.35E-07	1.62E-05
1138	561141.67	4192521.79	9.89E-06	6.97E-06	1.00E-06	1.00E-06	1.00E-06	7.41E-07	4.49E-07	2.11E-05	7.07E-06	5.43E-06	7.75E-07	7.77E-07	7.75E-07	5.17E-07	2.26E-07	1.56E-05
1139	561146.43	4192522.74	9.38E-06	6.61E-06	9.48E-07	9.51E-07	9.48E-07	7.03E-07	4.26E-07	2.00E-05	6.71E-06	5.15E-06	7.35E-07	7.37E-07	7.35E-07	4.90E-07	2.15E-07	1.48E-05
1140	561149.48	4192523.69	8.95E-06	6.31E-06	9.05E-07	9.07E-07	9.05E-07	6.71E-07	4.07E-07	1.91E-05	6.40E-06	4.92E-06	7.02E-07	7.04E-07	7.02E-07	4.68E-07	2.05E-07	1.41E-05

		T4iRev								T4fRev							
		1.46E-02	1.11E-02	1.08E-02	1.09E-02	1.08E-02	8.03E-03	4.87E-03		1.04E-02	8.66E-03	8.40E-03	8.42E-03	8.40E-03	5.60E-03	2.45E-03	
UTM X	UTM Y	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7		Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	
1	561383.48	4192287.53	3.11E-04	2.37E-04	2.31E-04	2.32E-04	2.31E-04	1.71E-04	1.04E-04	2.22E-04	1.85E-04	1.79E-04	1.80E-04	1.79E-04	1.19E-04	5.23E-05	
2	561389.35	4192262.71	2.99E-04	2.28E-04	2.22E-04	2.23E-04	2.22E-04	1.65E-04	9.99E-05	2.14E-04	1.78E-04	1.72E-04	1.73E-04	1.72E-04	1.15E-04	5.03E-05	
3	561390.63	4192271.92	2.95E-04	2.25E-04	2.20E-04	2.20E-04	2.20E-04	1.63E-04	9.88E-05	2.11E-04	1.76E-04	1.70E-04	1.71E-04	1.70E-04	1.14E-04	4.97E-05	
4	561391.9	4192281.12	2.91E-04	2.22E-04	2.17E-04	2.17E-04	2.17E-04	1.61E-04	9.75E-05	2.08E-04	1.73E-04	1.68E-04	1.69E-04	1.68E-04	1.12E-04	4.91E-05	
5	561393.17	4192290.32	2.87E-04	2.19E-04	2.13E-04	2.14E-04	2.13E-04	1.58E-04	9.59E-05	2.05E-04	1.70E-04	1.65E-04	1.66E-04	1.65E-04	1.10E-04	4.83E-05	
6	561395.97	4192243.3	2.82E-04	2.15E-04	2.09E-04	2.10E-04	2.09E-04	1.55E-04	9.42E-05	2.01E-04	1.67E-04	1.62E-04	1.63E-04	1.62E-04	1.08E-04	4.74E-05	
7	561397.32	4192253.01	2.80E-04	2.14E-04	2.08E-04	2.09E-04	2.08E-04	1.55E-04	9.37E-05	2.00E-04	1.67E-04	1.62E-04	1.62E-04	1.62E-04	1.08E-04	4.72E-05	
8	561398.66	4192262.73	2.78E-04	2.12E-04	2.07E-04	2.07E-04	2.07E-04	1.53E-04	9.29E-05	1.99E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.07E-04	4.68E-05	
9	561400.01	4192272.44	2.75E-04	2.10E-04	2.04E-04	2.05E-04	2.04E-04	1.51E-04	9.18E-05	1.96E-04	1.63E-04	1.58E-04	1.59E-04	1.58E-04	1.06E-04	4.62E-05	
10	561401.35	4192282.16	2.71E-04	2.06E-04	2.01E-04	2.02E-04	2.01E-04	1.49E-04	9.05E-05	1.93E-04	1.61E-04	1.56E-04	1.56E-04	1.56E-04	1.04E-04	4.56E-05	
11	561402.69	4192291.87	2.66E-04	2.03E-04	1.98E-04	1.98E-04	1.98E-04	1.47E-04	8.89E-05	1.90E-04	1.58E-04	1.53E-04	1.54E-04	1.53E-04	1.02E-04	4.48E-05	
12	561404.44	4192237.18	2.63E-04	2.01E-04	1.96E-04	1.96E-04	1.96E-04	1.45E-04	8.79E-05	1.88E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.01E-04	4.43E-05	
13	561405.76	4192246.77	2.62E-04	2.00E-04	1.95E-04	1.95E-04	1.95E-04	1.45E-04	8.76E-05	1.87E-04	1.56E-04	1.51E-04	1.52E-04	1.51E-04	1.01E-04	4.41E-05	
14	561407.09	4192256.35	2.60E-04	1.99E-04	1.94E-04	1.94E-04	1.94E-04	1.44E-04	8.71E-05	1.86E-04	1.55E-04	1.50E-04	1.51E-04	1.50E-04	1.00E-04	4.38E-05	
15	561408.41	4192265.94	2.58E-04	1.97E-04	1.92E-04	1.92E-04	1.92E-04	1.42E-04	8.62E-05	1.84E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	9.92E-05	4.34E-05	
16	561409.74	4192275.53	2.55E-04	1.94E-04	1.89E-04	1.90E-04	1.89E-04	1.40E-04	8.52E-05	1.82E-04	1.51E-04	1.47E-04	1.47E-04	1.47E-04	9.80E-05	4.29E-05	
17	561411.07	4192285.11	2.51E-04	1.92E-04	1.87E-04	1.87E-04	1.87E-04	1.38E-04	8.39E-05	1.79E-04	1.49E-04	1.45E-04	1.45E-04	1.45E-04	9.65E-05	4.22E-05	
18	561412.39	4192294.7	2.47E-04	1.88E-04	1.84E-04	1.84E-04	1.84E-04	1.36E-04	8.26E-05	1.77E-04	1.47E-04	1.42E-04	1.43E-04	1.42E-04	9.49E-05	4.16E-05	
19	561414.22	4192240.65	2.45E-04	1.87E-04	1.83E-04	1.83E-04	1.83E-04	1.35E-04	8.21E-05	1.75E-04	1.46E-04	1.42E-04	1.42E-04	1.42E-04	9.44E-05	4.13E-05	
20	561415.54	4192250.13	2.44E-04	1.86E-04	1.82E-04	1.82E-04	1.82E-04	1.35E-04	8.17E-05	1.75E-04	1.45E-04	1.41E-04	1.41E-04	1.41E-04	9.40E-05	4.11E-05	
21	561416.85	4192259.6	2.43E-04	1.85E-04	1.80E-04	1.81E-04	1.80E-04	1.34E-04	8.11E-05	1.73E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	9.33E-05	4.09E-05	
22	561418.16	4192269.07	2.40E-04	1.83E-04	1.79E-04	1.79E-04	1.79E-04	1.32E-04	8.03E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.24E-05	4.04E-05	
23	561419.47	4192278.55	2.37E-04	1.81E-04	1.76E-04	1.77E-04	1.76E-04	1.31E-04	7.93E-05	1.70E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	9.12E-05	3.99E-05	
24	561420.78	4192288.02	2.34E-04	1.78E-04	1.74E-04	1.74E-04	1.74E-04	1.29E-04	7.82E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	8.99E-05	3.94E-05	
25	561424	4192244.03	2.30E-04	1.76E-04	1.71E-04	1.72E-04	1.71E-04	1.27E-04	7.69E-05	1.65E-04	1.37E-04	1.33E-04	1.33E-04	1.33E-04	8.85E-05	3.87E-05	
26	561425.3	4192253.4	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.26E-04	7.65E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.80E-05	3.85E-05	
27	561426.59	4192262.77	2.27E-04	1.73E-04	1.69E-04	1.69E-04	1.69E-04	1.25E-04	7.59E-05	1.62E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	8.73E-05	3.82E-05	
28	561356.27	4192417.52	4.02E-04	3.07E-04	2.99E-04	3.00E-04	2.99E-04	2.22E-04	1.34E-04	2.87E-04	2.39E-04	2.32E-04	2.32E-04	2.32E-04	1.54E-04	6.76E-05	
29	561366.04	4192419.68	3.62E-04	2.76E-04	2.69E-04	2.70E-04	2.69E-04	2.00E-04	1.21E-04	2.59E-04	2.15E-04	2.09E-04	2.09E-04	2.09E-04	1.39E-04	6.10E-05	
30	561375.8	4192421.84	3.28E-04	2.50E-04	2.44E-04	2.44E-04	2.44E-04	1.81E-04	1.10E-04	2.34E-04	1.95E-04	1.89E-04	1.90E-04	1.89E-04	1.26E-04	5.52E-05	
31	561385.56	4192424.01	2.98E-04	2.27E-04	2.22E-04	2.22E-04	2.22E-04	1.64E-04	9.96E-05	2.13E-04	1.77E-04	1.72E-04	1.72E-04	1.72E-04	1.15E-04	5.02E-05	
32	561405.09	4192428.33	2.50E-04	1.91E-04	1.86E-04	1.86E-04	1.86E-04	1.38E-04	8.35E-05	1.79E-04	1.48E-04	1.44E-04	1.44E-04	1.44E-04	9.60E-05	4.20E-05	
33	561116.02	4192791.18	9.63E-04	7.35E-04	7.17E-04	7.19E-04	7.17E-04	5.31E-04	3.22E-04	6.89E-04	5.73E-04	5.56E-04	5.57E-04	5.56E-04	3.71E-04	1.62E-04	
34	561414.85	4192430.5	2.29E-04	1.75E-04	1.71E-04	1.71E-04	1.71E-04	1.27E-04	7.67E-05	1.64E-04	1.36E-04	1.32E-04	1.33E-04	1.32E-04	8.82E-05	3.86E-05	
35	561122.51	4192799.55	9.24E-04	7.06E-04	6.88E-04	6.90E-04	6.88E-04	5.10E-04	3.09E-04	6.61E-04	5.50E-04	5.33E-04	5.35E-04	5.33E-04	3.56E-04	1.56E-04	
36	561424.61	4192432.66	2.11E-04	1.61E-04	1.57E-04	1.57E-04	1.57E-04	1.16E-04	7.05E-05	1.51E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	8.11E-05	3.55E-05	
37	561150.66	4192804.85	9.13E-04	6.97E-04	6.79E-04	6.81E-04	6.79E-04	5.03E-04	3.05E-04	6.53E-04	5.43E-04	5.26E-04	5.28E-04	5.26E-04	3.51E-04	1.54E-04	
38	561140.93	4192806.23	9.04E-04	6.90E-04	6.72E-04	6.74E-04	6.72E-04	4.99E-04	3.02E-04	6.46E-04	5.37E-04	5.21E-04	5.23E-04	5.21E-04	3.48E-04	1.52E-04	
39	561131.19	4192807.61	8.91E-04	6.80E-04	6.63E-04	6.64E-04	6.63E-04	4.91E-04	2.98E-04	6.37E-04	5.30E-04	5.14E-04	5.15E-04	5.14E-04	3.43E-04	1.50E-04	
40	561121.46	4192808.98	8.74E-04	6.67E-04	6.50E-04	6.52E-04	6.50E-04	4.82E-04	2.92E-04	6.25E-04	5.20E-04	5.04E-04	5.06E-04	5.04E-04	3.36E-04	1.47E-04	
41	561111.73	4192810.36	8.55E-04	6.52E-04	6.36E-04	6.38E-04	6.36E-04	4.72E-04	2.86E-04	6.11E-04	5.08E-04	4.93E-04	4.94E-04	4.93E-04	3.29E-04	1.44E-04	
42	561432.25	4192444.45	1.98E-04	1.51E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.61E-05	1.41E-04	1.18E-04	1.14E-04	1.14E-04	1.14E-04	7.60E-05	3.33E-05	
43	561434.38	4192434.83	1.94E-04	1.48E-04	1.44E-04	1.45E-04	1.44E-04	1.07E-04	6.49E-05	1.39E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	7.46E-05	3.27E-05	
44	561166.68	4192811.87	8.73E-04	6.66E-04	6.49E-04	6.51E-04	6.49E-04	4.82E-04	2.92E-04	6.24E-04	5.19E-04	5.04E-04	5.05E-04	5.04E-04	3.36E-04	1.47E-04	

45	561157.04	4192813.24	8.71E-04	6.65E-04	6.48E-04	6.50E-04	6.48E-04	4.81E-04	2.91E-04	6.23E-04	5.18E-04	5.03E-04	5.04E-04	5.03E-04	3.35E-04	1.47E-04
46	561147.4	4192814.6	8.65E-04	6.60E-04	6.44E-04	6.45E-04	6.44E-04	4.77E-04	2.89E-04	6.19E-04	5.14E-04	4.99E-04	5.00E-04	4.99E-04	3.33E-04	1.46E-04
47	561137.76	4192815.96	8.55E-04	6.52E-04	6.36E-04	6.38E-04	6.36E-04	4.72E-04	2.86E-04	6.11E-04	5.08E-04	4.93E-04	4.94E-04	4.93E-04	3.29E-04	1.44E-04
48	561128.12	4192817.33	8.41E-04	6.42E-04	6.25E-04	6.27E-04	6.25E-04	4.64E-04	2.81E-04	6.01E-04	5.00E-04	4.85E-04	4.86E-04	4.85E-04	3.23E-04	1.42E-04
49	561118.49	4192818.69	8.24E-04	6.29E-04	6.13E-04	6.15E-04	6.13E-04	4.55E-04	2.76E-04	5.89E-04	4.90E-04	4.75E-04	4.77E-04	4.75E-04	3.17E-04	1.39E-04
50	561422.82	4192533.18	2.17E-04	1.65E-04	1.61E-04	1.62E-04	1.61E-04	1.20E-04	7.25E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.34E-05	3.65E-05
51	561424.95	4192523.56	2.12E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.17E-04	7.09E-05	1.52E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	8.16E-05	3.57E-05
52	561442.01	4192446.61	1.82E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.09E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.01E-05	3.07E-05
53	561444.14	4192436.99	1.79E-04	1.37E-04	1.33E-04	1.34E-04	1.33E-04	9.88E-05	5.99E-05	1.28E-04	1.07E-04	1.03E-04	1.04E-04	1.03E-04	6.89E-05	3.02E-05
54	561182.43	4192818.93	8.26E-04	6.30E-04	6.14E-04	6.16E-04	6.14E-04	4.56E-04	2.76E-04	5.90E-04	4.91E-04	4.76E-04	4.78E-04	4.76E-04	3.18E-04	1.39E-04
55	561172.87	4192820.28	8.31E-04	6.35E-04	6.19E-04	6.20E-04	6.19E-04	4.59E-04	2.78E-04	5.95E-04	4.94E-04	4.80E-04	4.81E-04	4.80E-04	3.20E-04	1.40E-04
56	561163.32	4192821.63	8.32E-04	6.35E-04	6.19E-04	6.21E-04	6.19E-04	4.59E-04	2.78E-04	5.95E-04	4.95E-04	4.80E-04	4.81E-04	4.80E-04	3.20E-04	1.40E-04
57	561153.76	4192822.99	8.28E-04	6.32E-04	6.16E-04	6.18E-04	6.16E-04	4.57E-04	2.77E-04	5.92E-04	4.92E-04	4.78E-04	4.79E-04	4.78E-04	3.18E-04	1.39E-04
58	561144.21	4192824.34	8.20E-04	6.26E-04	6.10E-04	6.12E-04	6.10E-04	4.52E-04	2.74E-04	5.86E-04	4.88E-04	4.73E-04	4.74E-04	4.73E-04	3.15E-04	1.38E-04
59	561134.65	4192825.69	8.08E-04	6.17E-04	6.01E-04	6.03E-04	6.01E-04	4.46E-04	2.70E-04	5.78E-04	4.81E-04	4.66E-04	4.68E-04	4.66E-04	3.11E-04	1.36E-04
60	561125.1	4192827.04	7.94E-04	6.06E-04	5.91E-04	5.92E-04	5.91E-04	4.38E-04	2.66E-04	5.68E-04	4.72E-04	4.58E-04	4.59E-04	4.58E-04	3.05E-04	1.34E-04
61	561115.54	4192828.39	7.77E-04	5.93E-04	5.78E-04	5.80E-04	5.78E-04	4.29E-04	2.60E-04	5.56E-04	4.62E-04	4.48E-04	4.50E-04	4.48E-04	2.99E-04	1.31E-04
62	561432.58	4192535.35	2.01E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	1.11E-04	6.73E-05	1.44E-04	1.20E-04	1.16E-04	1.16E-04	1.16E-04	7.74E-05	3.39E-05
63	561434.72	4192525.73	1.97E-04	1.50E-04	1.46E-04	1.47E-04	1.46E-04	1.09E-04	6.58E-05	1.41E-04	1.17E-04	1.13E-04	1.14E-04	1.13E-04	7.57E-05	3.31E-05
64	561451.77	4192448.77	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.32E-05	5.65E-05	1.21E-04	1.00E-04	9.74E-05	9.77E-05	9.74E-05	6.50E-05	2.84E-05
65	561453.9	4192439.15	1.66E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.17E-05	5.56E-05	1.19E-04	9.89E-05	9.59E-05	9.62E-05	9.59E-05	6.39E-05	2.80E-05
66	561216.89	4192823.34	7.38E-04	5.63E-04	5.49E-04	5.50E-04	5.49E-04	4.07E-04	2.47E-04	5.28E-04	4.39E-04	4.26E-04	4.27E-04	4.26E-04	2.84E-04	1.24E-04
67	561207.41	4192824.68	7.57E-04	5.78E-04	5.63E-04	5.65E-04	5.63E-04	4.18E-04	2.53E-04	5.42E-04	4.50E-04	4.37E-04	4.38E-04	4.37E-04	2.91E-04	1.28E-04
68	561197.93	4192826.02	7.73E-04	5.90E-04	5.75E-04	5.77E-04	5.75E-04	4.27E-04	2.59E-04	5.53E-04	4.60E-04	4.46E-04	4.47E-04	4.46E-04	2.97E-04	1.30E-04
69	561178.98	4192828.71	7.92E-04	6.04E-04	5.89E-04	5.91E-04	5.89E-04	4.37E-04	2.65E-04	5.66E-04	4.71E-04	4.57E-04	4.58E-04	4.57E-04	3.05E-04	1.33E-04
70	561169.5	4192830.05	7.94E-04	6.06E-04	5.91E-04	5.93E-04	5.91E-04	4.38E-04	2.66E-04	5.68E-04	4.72E-04	4.58E-04	4.60E-04	4.58E-04	3.06E-04	1.34E-04
71	561160.02	4192831.39	7.92E-04	6.05E-04	5.90E-04	5.91E-04	5.90E-04	4.37E-04	2.65E-04	5.67E-04	4.71E-04	4.57E-04	4.58E-04	4.57E-04	3.05E-04	1.33E-04
72	561150.54	4192832.73	7.87E-04	6.00E-04	5.85E-04	5.87E-04	5.85E-04	4.34E-04	2.63E-04	5.63E-04	4.68E-04	4.54E-04	4.55E-04	4.54E-04	3.03E-04	1.32E-04
73	561141.06	4192834.07	7.77E-04	5.93E-04	5.78E-04	5.80E-04	5.78E-04	4.29E-04	2.60E-04	5.56E-04	4.62E-04	4.48E-04	4.50E-04	4.48E-04	2.99E-04	1.31E-04
74	561131.59	4192835.41	7.65E-04	5.84E-04	5.69E-04	5.71E-04	5.69E-04	4.22E-04	2.56E-04	5.47E-04	4.55E-04	4.41E-04	4.43E-04	4.41E-04	2.94E-04	1.29E-04
75	561122.11	4192836.75	7.50E-04	5.73E-04	5.58E-04	5.60E-04	5.58E-04	4.14E-04	2.51E-04	5.37E-04	4.46E-04	4.33E-04	4.34E-04	4.33E-04	2.89E-04	1.26E-04
76	561112.63	4192838.09	7.34E-04	5.60E-04	5.46E-04	5.48E-04	5.46E-04	4.05E-04	2.45E-04	5.25E-04	4.37E-04	4.23E-04	4.25E-04	4.23E-04	2.82E-04	1.24E-04
77	561442.35	4192537.51	1.87E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	1.03E-04	6.25E-05	1.34E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.19E-05	3.15E-05
78	561444.48	4192527.89	1.83E-04	1.40E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.11E-05	1.31E-04	1.09E-04	1.05E-04	1.06E-04	1.05E-04	7.03E-05	3.08E-05
79	561461.53	4192450.94	1.57E-04	1.20E-04	1.17E-04	1.17E-04	1.17E-04	8.65E-05	5.25E-05	1.12E-04	9.33E-05	9.05E-05	9.07E-05	9.05E-05	6.03E-05	2.64E-05
80	561463.67	4192441.32	1.55E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.52E-05	5.17E-05	1.11E-04	9.19E-05	8.91E-05	8.94E-05	8.91E-05	5.94E-05	2.60E-05
81	561241.45	4192829.16	6.52E-04	4.98E-04	4.85E-04	4.87E-04	4.85E-04	3.60E-04	2.18E-04	4.66E-04	3.88E-04	3.76E-04	3.77E-04	3.76E-04	2.51E-04	1.10E-04
82	561232.04	4192830.49	6.77E-04	5.17E-04	5.04E-04	5.05E-04	5.04E-04	3.73E-04	2.26E-04	4.84E-04	4.03E-04	3.91E-04	3.92E-04	3.91E-04	2.60E-04	1.14E-04
83	561222.63	4192831.82	6.99E-04	5.34E-04	5.20E-04	5.22E-04	5.20E-04	3.86E-04	2.34E-04	5.00E-04	4.16E-04	4.03E-04	4.04E-04	4.03E-04	2.69E-04	1.18E-04
84	561213.23	4192833.15	7.18E-04	5.48E-04	5.34E-04	5.36E-04	5.34E-04	3.96E-04	2.40E-04	5.14E-04	4.27E-04	4.14E-04	4.15E-04	4.14E-04	2.76E-04	1.21E-04
85	561203.82	4192834.48	7.34E-04	5.60E-04	5.46E-04	5.47E-04	5.46E-04	4.05E-04	2.45E-04	5.25E-04	4.36E-04	4.23E-04	4.25E-04	4.23E-04	2.82E-04	1.24E-04
86	561185	4192837.14	7.55E-04	5.76E-04	5.61E-04	5.63E-04	5.61E-04	4.16E-04	2.52E-04	5.40E-04	4.49E-04	4.35E-04	4.37E-04	4.35E-04	2.90E-04	1.27E-04
87	561175.6	4192838.47	7.59E-04	5.79E-04	5.65E-04	5.66E-04	5.65E-04	4.19E-04	2.54E-04	5.43E-04	4.51E-04	4.38E-04	4.39E-04	4.38E-04	2.92E-04	1.28E-04
88	561166.19	4192839.8	7.59E-04	5.79E-04	5.64E-04	5.66E-04	5.64E-04	4.19E-04	2.54E-04	5.43E-04	4.51E-04	4.38E-04	4.39E-04	4.38E-04	2.92E-04	1.28E-04
89	561156.78	4192841.13	7.55E-04	5.76E-04	5.61E-04	5.63E-04	5.61E-04	4.16E-04	2.52E-04	5.40E-04	4.49E-04	4.35E-04	4.37E-04	4.35E-04	2.90E-04	1.27E-04
90	561147.37	4192842.46	7.47E-04	5.70E-04	5.56E-04	5.57E-04	5.56E-04	4.12E-04	2.50E-04	5.34E-04	4.44E-04	4.31E-04	4.32E-04	4.31E-04	2.87E-04	1.26E-04
91	561137.97	4192843.79	7.37E-04	5.63E-04	5.48E-04	5.50E-04	5.48E-04	4.07E-04	2.47E-04	5.27E-04	4.38E-04	4.25E-04	4.26E-04	4.25E-04	2.83E-04	1.24E-04
92	561128.56	4192845.12	7.24E-04	5.53E-04	5.39E-04	5.40E-04	5.39E-04	4.00E-04	2.42E-04	5.18E-04	4.31E-04	4.18E-04	4.19E-04	4.18E-04	2.79E-04	1.22E-04

93	561119.15	4192846.45	7.10E-04	5.42E-04	5.28E-04	5.29E-04	5.28E-04	3.92E-04	2.37E-04	5.08E-04	4.22E-04	4.09E-04	4.11E-04	4.09E-04	2.73E-04	1.20E-04
94	561109.74	4192847.78	6.94E-04	5.29E-04	5.16E-04	5.17E-04	5.16E-04	3.83E-04	2.32E-04	4.96E-04	4.13E-04	4.00E-04	4.01E-04	4.00E-04	2.67E-04	1.17E-04
95	561452.11	4192539.68	1.74E-04	1.33E-04	1.30E-04	1.30E-04	1.30E-04	9.61E-05	5.82E-05	1.25E-04	1.04E-04	1.00E-04	1.01E-04	1.00E-04	6.70E-05	2.93E-05
96	561454.24	4192530.06	1.70E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	9.39E-05	5.69E-05	1.22E-04	1.01E-04	9.82E-05	9.85E-05	9.82E-05	6.55E-05	2.87E-05
97	561471.3	4192453.1	1.46E-04	1.11E-04	1.09E-04	1.09E-04	1.09E-04	8.05E-05	4.88E-05	1.04E-04	8.68E-05	8.42E-05	8.44E-05	8.42E-05	5.61E-05	2.46E-05
98	561473.43	4192443.48	1.44E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.94E-05	4.81E-05	1.03E-04	8.56E-05	8.30E-05	8.32E-05	8.30E-05	5.54E-05	2.42E-05
99	561264.15	4192835.23	5.71E-04	4.36E-04	4.25E-04	4.26E-04	4.25E-04	3.15E-04	1.91E-04	4.08E-04	3.39E-04	3.29E-04	3.30E-04	3.29E-04	2.19E-04	9.61E-05
100	561254.42	4192836.61	5.98E-04	4.56E-04	4.45E-04	4.46E-04	4.45E-04	3.30E-04	2.00E-04	4.28E-04	3.56E-04	3.45E-04	3.46E-04	3.45E-04	2.30E-04	1.01E-04
101	561244.68	4192837.98	6.24E-04	4.76E-04	4.64E-04	4.66E-04	4.64E-04	3.44E-04	2.09E-04	4.46E-04	3.71E-04	3.60E-04	3.61E-04	3.60E-04	2.40E-04	1.05E-04
102	561234.95	4192839.36	6.48E-04	4.95E-04	4.82E-04	4.83E-04	4.82E-04	3.58E-04	2.17E-04	4.63E-04	3.85E-04	3.74E-04	3.75E-04	3.74E-04	2.49E-04	1.09E-04
103	561225.22	4192840.74	6.70E-04	5.11E-04	4.98E-04	5.00E-04	4.98E-04	3.69E-04	2.24E-04	4.79E-04	3.98E-04	3.86E-04	3.87E-04	3.86E-04	2.58E-04	1.13E-04
104	561215.49	4192842.11	6.88E-04	5.25E-04	5.12E-04	5.13E-04	5.12E-04	3.80E-04	2.30E-04	4.92E-04	4.09E-04	3.97E-04	3.98E-04	3.97E-04	2.65E-04	1.16E-04
105	561205.76	4192843.49	7.03E-04	5.37E-04	5.23E-04	5.25E-04	5.23E-04	3.88E-04	2.35E-04	5.03E-04	4.18E-04	4.06E-04	4.07E-04	4.06E-04	2.70E-04	1.18E-04
106	561196.02	4192844.87	7.15E-04	5.46E-04	5.32E-04	5.33E-04	5.32E-04	3.94E-04	2.39E-04	5.11E-04	4.25E-04	4.12E-04	4.14E-04	4.12E-04	2.75E-04	1.20E-04
107	561176.56	4192847.62	7.26E-04	5.54E-04	5.40E-04	5.42E-04	5.40E-04	4.01E-04	2.43E-04	5.19E-04	4.32E-04	4.19E-04	4.20E-04	4.19E-04	2.79E-04	1.22E-04
108	561166.83	4192849	7.25E-04	5.54E-04	5.40E-04	5.41E-04	5.40E-04	4.00E-04	2.43E-04	5.19E-04	4.31E-04	4.18E-04	4.20E-04	4.18E-04	2.79E-04	1.22E-04
109	561157.1	4192850.37	7.21E-04	5.50E-04	5.36E-04	5.38E-04	5.36E-04	3.98E-04	2.41E-04	5.15E-04	4.29E-04	4.16E-04	4.17E-04	4.16E-04	2.77E-04	1.21E-04
110	561147.36	4192851.75	7.13E-04	5.44E-04	5.30E-04	5.32E-04	5.30E-04	3.93E-04	2.38E-04	5.10E-04	4.24E-04	4.11E-04	4.12E-04	4.11E-04	2.74E-04	1.20E-04
111	561137.63	4192853.13	7.02E-04	5.36E-04	5.23E-04	5.24E-04	5.23E-04	3.88E-04	2.35E-04	5.02E-04	4.18E-04	4.05E-04	4.06E-04	4.05E-04	2.70E-04	1.18E-04
112	561127.9	4192854.5	6.90E-04	5.26E-04	5.13E-04	5.14E-04	5.13E-04	3.80E-04	2.31E-04	4.93E-04	4.10E-04	3.98E-04	3.99E-04	3.98E-04	2.65E-04	1.16E-04
113	561118.17	4192855.88	6.75E-04	5.15E-04	5.02E-04	5.03E-04	5.02E-04	3.72E-04	2.26E-04	4.83E-04	4.01E-04	3.89E-04	3.90E-04	3.89E-04	2.60E-04	1.14E-04
114	561461.87	4192541.84	1.62E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.97E-05	5.43E-05	1.16E-04	9.66E-05	9.37E-05	9.40E-05	9.37E-05	6.25E-05	2.74E-05
115	561464	4192532.22	1.59E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.76E-05	5.31E-05	1.14E-04	9.44E-05	9.16E-05	9.18E-05	9.16E-05	6.11E-05	2.67E-05
116	561476.8	4192474.5	1.40E-04	1.07E-04	1.04E-04	1.05E-04	1.04E-04	7.75E-05	4.70E-05	1.00E-04	8.35E-05	8.10E-05	8.12E-05	8.10E-05	5.40E-05	2.36E-05
117	561481.06	4192455.26	1.36E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	7.51E-05	4.55E-05	9.73E-05	8.09E-05	7.85E-05	7.87E-05	7.85E-05	5.23E-05	2.29E-05
118	561483.19	4192445.64	1.34E-04	1.02E-04	9.99E-05	1.00E-04	9.99E-05	7.41E-05	4.49E-05	9.60E-05	7.99E-05	7.75E-05	7.77E-05	7.75E-05	5.16E-05	2.26E-05
119	561269.64	4192843.74	5.41E-04	4.13E-04	4.02E-04	4.04E-04	4.02E-04	2.98E-04	1.81E-04	3.87E-04	3.22E-04	3.12E-04	3.13E-04	3.12E-04	2.08E-04	9.11E-05
120	561259.99	4192845.11	5.67E-04	4.33E-04	4.22E-04	4.23E-04	4.22E-04	3.13E-04	1.90E-04	4.05E-04	3.37E-04	3.27E-04	3.28E-04	3.27E-04	2.18E-04	9.54E-05
121	561250.33	4192846.47	5.92E-04	4.52E-04	4.40E-04	4.41E-04	4.40E-04	3.26E-04	1.98E-04	4.23E-04	3.52E-04	3.41E-04	3.42E-04	3.41E-04	2.28E-04	9.96E-05
122	561240.68	4192847.84	6.15E-04	4.69E-04	4.57E-04	4.59E-04	4.57E-04	3.39E-04	2.06E-04	4.40E-04	3.66E-04	3.55E-04	3.56E-04	3.55E-04	2.36E-04	1.04E-04
123	561231.02	4192849.2	6.36E-04	4.85E-04	4.73E-04	4.74E-04	4.73E-04	3.51E-04	2.13E-04	4.55E-04	3.78E-04	3.67E-04	3.68E-04	3.67E-04	2.44E-04	1.07E-04
124	561221.37	4192850.57	6.54E-04	4.99E-04	4.86E-04	4.88E-04	4.86E-04	3.61E-04	2.19E-04	4.68E-04	3.89E-04	3.77E-04	3.78E-04	3.77E-04	2.52E-04	1.10E-04
125	561211.71	4192851.93	6.69E-04	5.11E-04	4.98E-04	4.99E-04	4.98E-04	3.69E-04	2.24E-04	4.78E-04	3.98E-04	3.86E-04	3.87E-04	3.86E-04	2.57E-04	1.13E-04
126	561202.06	4192853.3	6.81E-04	5.20E-04	5.07E-04	5.08E-04	5.07E-04	3.76E-04	2.28E-04	4.87E-04	4.05E-04	3.93E-04	3.94E-04	3.93E-04	2.62E-04	1.15E-04
127	561173.1	4192857.4	6.95E-04	5.31E-04	5.17E-04	5.19E-04	5.17E-04	3.84E-04	2.33E-04	4.97E-04	4.14E-04	4.01E-04	4.02E-04	4.01E-04	2.67E-04	1.17E-04
128	561163.44	4192858.76	6.93E-04	5.29E-04	5.15E-04	5.17E-04	5.15E-04	3.82E-04	2.32E-04	4.95E-04	4.12E-04	4.00E-04	4.01E-04	4.00E-04	2.66E-04	1.17E-04
129	561153.79	4192860.13	6.87E-04	5.24E-04	5.11E-04	5.12E-04	5.11E-04	3.79E-04	2.30E-04	4.91E-04	4.08E-04	3.96E-04	3.97E-04	3.96E-04	2.64E-04	1.16E-04
130	561144.14	4192861.49	6.78E-04	5.17E-04	5.04E-04	5.06E-04	5.04E-04	3.74E-04	2.27E-04	4.85E-04	4.03E-04	3.91E-04	3.92E-04	3.91E-04	2.61E-04	1.14E-04
131	561134.48	4192862.86	6.67E-04	5.09E-04	4.96E-04	4.97E-04	4.96E-04	3.68E-04	2.23E-04	4.77E-04	3.96E-04	3.85E-04	3.86E-04	3.85E-04	2.56E-04	1.12E-04
132	561325.61	4192377.76	5.55E-04	4.24E-04	4.13E-04	4.14E-04	4.13E-04	3.06E-04	1.86E-04	3.97E-04	3.30E-04	3.20E-04	3.21E-04	3.20E-04	2.14E-04	9.35E-05
133	561328.03	4192368.66	5.34E-04	4.08E-04	3.98E-04	3.99E-04	3.98E-04	2.95E-04	1.79E-04	3.82E-04	3.18E-04	3.08E-04	3.09E-04	3.08E-04	2.06E-04	9.00E-05
134	561330.45	4192359.56	5.16E-04	3.94E-04	3.84E-04	3.85E-04	3.84E-04	2.85E-04	1.73E-04	3.69E-04	3.07E-04	2.98E-04	2.99E-04	2.98E-04	1.99E-04	8.69E-05
135	561335.28	4192380.33	4.96E-04	3.79E-04	3.69E-04	3.70E-04	3.69E-04	2.74E-04	1.66E-04	3.55E-04	2.95E-04	2.86E-04	2.87E-04	2.86E-04	1.91E-04	8.36E-05
136	561337.7	4192371.23	4.79E-04	3.66E-04	3.56E-04	3.57E-04	3.56E-04	2.64E-04	1.60E-04	3.42E-04	2.85E-04	2.76E-04	2.77E-04	2.76E-04	1.84E-04	8.06E-05
137	561340.12	4192362.14	4.63E-04	3.53E-04	3.44E-04	3.45E-04	3.44E-04	2.55E-04	1.55E-04	3.31E-04	2.75E-04	2.67E-04	2.68E-04	2.67E-04	1.78E-04	7.79E-05
138	561344.94	4192382.9	4.46E-04	3.41E-04	3.32E-04	3.33E-04	3.32E-04	2.46E-04	1.49E-04	3.19E-04	2.65E-04	2.57E-04	2.58E-04	2.57E-04	1.72E-04	7.51E-05
139	561347.36	4192373.81	4.31E-04	3.29E-04	3.21E-04	3.22E-04	3.21E-04	2.38E-04	1.44E-04	3.09E-04	2.57E-04	2.49E-04	2.50E-04	2.49E-04	1.66E-04	7.26E-05
140	561349.78	4192364.71	4.17E-04	3.19E-04	3.11E-04	3.11E-04	3.11E-04	2.30E-04	1.40E-04	2.99E-04	2.48E-04	2.41E-04	2.42E-04	2.41E-04	1.61E-04	7.03E-05

141	561354.6	4192385.48	4.03E-04	3.07E-04	3.00E-04	3.01E-04	3.00E-04	2.22E-04	1.35E-04	2.88E-04	2.40E-04	2.32E-04	2.33E-04	2.32E-04	1.55E-04	6.78E-05
142	561357.02	4192376.38	3.90E-04	2.98E-04	2.90E-04	2.91E-04	2.90E-04	2.15E-04	1.31E-04	2.79E-04	2.32E-04	2.25E-04	2.26E-04	2.25E-04	1.50E-04	6.57E-05
143	561359.45	4192367.28	3.79E-04	2.89E-04	2.82E-04	2.82E-04	2.82E-04	2.09E-04	1.27E-04	2.71E-04	2.25E-04	2.18E-04	2.19E-04	2.18E-04	1.46E-04	6.37E-05
144	561361.87	4192358.18	3.68E-04	2.81E-04	2.73E-04	2.74E-04	2.73E-04	2.03E-04	1.23E-04	2.63E-04	2.19E-04	2.12E-04	2.13E-04	2.12E-04	1.41E-04	6.19E-05
145	561359.43	4192406.24	3.87E-04	2.95E-04	2.88E-04	2.89E-04	2.88E-04	2.13E-04	1.29E-04	2.77E-04	2.30E-04	2.23E-04	2.24E-04	2.23E-04	1.49E-04	6.51E-05
146	561361.85	4192397.14	3.75E-04	2.86E-04	2.79E-04	2.80E-04	2.79E-04	2.07E-04	1.25E-04	2.68E-04	2.23E-04	2.16E-04	2.17E-04	2.16E-04	1.44E-04	6.32E-05
147	561364.27	4192388.05	3.64E-04	2.78E-04	2.71E-04	2.72E-04	2.71E-04	2.01E-04	1.22E-04	2.61E-04	2.17E-04	2.10E-04	2.11E-04	2.10E-04	1.40E-04	6.13E-05
148	561366.69	4192378.95	3.54E-04	2.70E-04	2.63E-04	2.64E-04	2.63E-04	1.95E-04	1.18E-04	2.53E-04	2.11E-04	2.04E-04	2.05E-04	2.04E-04	1.36E-04	5.96E-05
149	561369.11	4192369.85	3.45E-04	2.63E-04	2.56E-04	2.57E-04	2.56E-04	1.90E-04	1.15E-04	2.46E-04	2.05E-04	1.99E-04	1.99E-04	1.99E-04	1.33E-04	5.80E-05
150	561371.53	4192360.75	3.36E-04	2.56E-04	2.50E-04	2.50E-04	2.50E-04	1.85E-04	1.12E-04	2.40E-04	2.00E-04	1.94E-04	1.94E-04	1.94E-04	1.29E-04	5.65E-05
151	561373.95	4192351.65	3.27E-04	2.50E-04	2.43E-04	2.44E-04	2.43E-04	1.80E-04	1.09E-04	2.34E-04	1.95E-04	1.89E-04	1.89E-04	1.89E-04	1.26E-04	5.51E-05
152	561376.37	4192342.55	3.20E-04	2.44E-04	2.38E-04	2.39E-04	2.38E-04	1.76E-04	1.07E-04	2.29E-04	1.90E-04	1.84E-04	1.85E-04	1.84E-04	1.23E-04	5.39E-05
153	561378.79	4192333.46	3.14E-04	2.39E-04	2.33E-04	2.34E-04	2.33E-04	1.73E-04	1.05E-04	2.24E-04	1.86E-04	1.81E-04	1.81E-04	1.81E-04	1.21E-04	5.28E-05
154	561381.21	4192324.36	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.18E-04	5.19E-05
155	561383.63	4192315.26	3.03E-04	2.31E-04	2.26E-04	2.26E-04	2.26E-04	1.67E-04	1.01E-04	2.17E-04	1.80E-04	1.75E-04	1.75E-04	1.75E-04	1.17E-04	5.11E-05
156	561369.09	4192408.81	3.50E-04	2.67E-04	2.60E-04	2.61E-04	2.60E-04	1.93E-04	1.17E-04	2.50E-04	2.08E-04	2.02E-04	2.02E-04	2.02E-04	1.34E-04	5.89E-05
157	561371.51	4192399.72	3.40E-04	2.59E-04	2.53E-04	2.53E-04	2.53E-04	1.87E-04	1.14E-04	2.43E-04	2.02E-04	1.96E-04	1.97E-04	1.96E-04	1.31E-04	5.72E-05
158	561373.93	4192390.62	3.31E-04	2.52E-04	2.46E-04	2.47E-04	2.46E-04	1.82E-04	1.11E-04	2.36E-04	1.97E-04	1.91E-04	1.91E-04	1.91E-04	1.27E-04	5.57E-05
159	561376.35	4192381.52	3.22E-04	2.46E-04	2.40E-04	2.40E-04	2.40E-04	1.78E-04	1.08E-04	2.30E-04	1.92E-04	1.86E-04	1.86E-04	1.86E-04	1.24E-04	5.43E-05
160	561378.77	4192372.42	3.14E-04	2.40E-04	2.34E-04	2.35E-04	2.34E-04	1.73E-04	1.05E-04	2.25E-04	1.87E-04	1.81E-04	1.82E-04	1.81E-04	1.21E-04	5.30E-05
161	561381.19	4192363.32	3.07E-04	2.35E-04	2.29E-04	2.29E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.77E-04	1.78E-04	1.77E-04	1.18E-04	5.17E-05
162	561383.61	4192354.22	3.00E-04	2.29E-04	2.23E-04	2.24E-04	2.23E-04	1.66E-04	1.00E-04	2.15E-04	1.79E-04	1.73E-04	1.74E-04	1.73E-04	1.15E-04	5.06E-05
163	561386.04	4192345.13	2.94E-04	2.24E-04	2.19E-04	2.19E-04	2.19E-04	1.62E-04	9.83E-05	2.10E-04	1.75E-04	1.70E-04	1.70E-04	1.70E-04	1.13E-04	4.95E-05
164	561388.46	4192336.03	2.89E-04	2.20E-04	2.15E-04	2.15E-04	2.15E-04	1.59E-04	9.65E-05	2.06E-04	1.72E-04	1.67E-04	1.67E-04	1.67E-04	1.11E-04	4.86E-05
165	561390.88	4192326.93	2.84E-04	2.17E-04	2.11E-04	2.12E-04	2.11E-04	1.57E-04	9.50E-05	2.03E-04	1.69E-04	1.64E-04	1.64E-04	1.64E-04	1.09E-04	4.78E-05
166	561393.3	4192317.83	2.80E-04	2.14E-04	2.08E-04	2.09E-04	2.08E-04	1.55E-04	9.37E-05	2.00E-04	1.67E-04	1.62E-04	1.62E-04	1.62E-04	1.08E-04	4.72E-05
167	561378.75	4192411.39	3.17E-04	2.42E-04	2.36E-04	2.37E-04	2.36E-04	1.75E-04	1.06E-04	2.27E-04	1.89E-04	1.83E-04	1.84E-04	1.83E-04	1.22E-04	5.34E-05
168	561381.17	4192402.29	3.09E-04	2.36E-04	2.30E-04	2.30E-04	2.30E-04	1.70E-04	1.03E-04	2.21E-04	1.84E-04	1.78E-04	1.79E-04	1.78E-04	1.19E-04	5.20E-05
169	561383.6	4192393.19	3.01E-04	2.30E-04	2.24E-04	2.24E-04	2.24E-04	1.66E-04	1.01E-04	2.15E-04	1.79E-04	1.74E-04	1.74E-04	1.74E-04	1.16E-04	5.07E-05
170	561386.02	4192384.09	2.94E-04	2.25E-04	2.19E-04	2.19E-04	2.19E-04	1.62E-04	9.84E-05	2.10E-04	1.75E-04	1.70E-04	1.70E-04	1.70E-04	1.13E-04	4.95E-05
171	561388.44	4192374.99	2.88E-04	2.20E-04	2.14E-04	2.15E-04	2.14E-04	1.59E-04	9.63E-05	2.06E-04	1.71E-04	1.66E-04	1.67E-04	1.66E-04	1.11E-04	4.85E-05
172	561390.86	4192365.89	2.82E-04	2.15E-04	2.10E-04	2.11E-04	2.10E-04	1.56E-04	9.44E-05	2.02E-04	1.68E-04	1.63E-04	1.63E-04	1.63E-04	1.09E-04	4.75E-05
173	561393.28	4192356.79	2.76E-04	2.11E-04	2.06E-04	2.06E-04	2.06E-04	1.52E-04	9.24E-05	1.98E-04	1.64E-04	1.59E-04	1.60E-04	1.59E-04	1.06E-04	4.65E-05
174	561395.7	4192347.7	2.71E-04	2.07E-04	2.02E-04	2.02E-04	2.02E-04	1.50E-04	9.07E-05	1.94E-04	1.61E-04	1.56E-04	1.57E-04	1.56E-04	1.04E-04	4.57E-05
175	561398.12	4192338.6	2.67E-04	2.04E-04	1.98E-04	1.99E-04	1.98E-04	1.47E-04	8.92E-05	1.91E-04	1.59E-04	1.54E-04	1.54E-04	1.54E-04	1.03E-04	4.49E-05
176	561400.54	4192329.5	2.63E-04	2.01E-04	1.95E-04	1.96E-04	1.95E-04	1.45E-04	8.79E-05	1.88E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.01E-04	4.43E-05
177	561402.96	4192320.4	2.59E-04	1.98E-04	1.93E-04	1.94E-04	1.93E-04	1.43E-04	8.68E-05	1.86E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	9.98E-05	4.37E-05
178	561407.75	4192419.1	2.44E-04	1.86E-04	1.81E-04	1.82E-04	1.81E-04	1.34E-04	8.15E-05	1.74E-04	1.45E-04	1.41E-04	1.41E-04	1.41E-04	9.37E-05	4.10E-05
179	561410.17	4192410	2.38E-04	1.82E-04	1.77E-04	1.78E-04	1.77E-04	1.31E-04	7.97E-05	1.70E-04	1.42E-04	1.37E-04	1.38E-04	1.37E-04	9.17E-05	4.01E-05
180	561412.59	4192400.9	2.33E-04	1.78E-04	1.74E-04	1.74E-04	1.74E-04	1.29E-04	7.80E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	8.97E-05	3.93E-05
181	561415.01	4192391.8	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.26E-04	7.65E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.80E-05	3.85E-05
182	561417.43	4192382.71	2.25E-04	1.72E-04	1.67E-04	1.68E-04	1.67E-04	1.24E-04	7.53E-05	1.61E-04	1.34E-04	1.30E-04	1.30E-04	1.30E-04	8.66E-05	3.79E-05
183	561419.85	4192373.61	2.22E-04	1.69E-04	1.65E-04	1.65E-04	1.65E-04	1.22E-04	7.41E-05	1.58E-04	1.32E-04	1.28E-04	1.28E-04	1.28E-04	8.52E-05	3.73E-05
184	561422.27	4192364.51	2.18E-04	1.67E-04	1.62E-04	1.63E-04	1.62E-04	1.20E-04	7.30E-05	1.56E-04	1.30E-04	1.26E-04	1.26E-04	1.26E-04	8.39E-05	3.68E-05
185	561424.69	4192355.41	2.15E-04	1.64E-04	1.60E-04	1.60E-04	1.60E-04	1.19E-04	7.19E-05	1.54E-04	1.28E-04	1.24E-04	1.24E-04	1.24E-04	8.27E-05	3.62E-05
186	561427.11	4192346.31	2.12E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.17E-04	7.10E-05	1.52E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	8.16E-05	3.57E-05
187	561429.53	4192337.21	2.10E-04	1.60E-04	1.56E-04	1.57E-04	1.56E-04	1.16E-04	7.02E-05	1.50E-04	1.25E-04	1.21E-04	1.21E-04	1.21E-04	8.07E-05	3.54E-05
188	561431.95	4192328.11	2.08E-04	1.59E-04	1.55E-04	1.55E-04	1.55E-04	1.15E-04	6.96E-05	1.49E-04	1.24E-04	1.20E-04	1.20E-04	1.20E-04	8.01E-05	3.51E-05

189	561417.41	4192421.67	2.24E-04	1.71E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.24E-04	7.50E-05	1.60E-04	1.33E-04	1.29E-04	1.30E-04	1.29E-04	8.62E-05	3.78E-05
190	561419.83	4192412.57	2.20E-04	1.68E-04	1.63E-04	1.64E-04	1.63E-04	1.63E-04	1.21E-04	7.34E-05	1.57E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.45E-05	3.70E-05
191	561422.25	4192403.47	2.15E-04	1.64E-04	1.60E-04	1.61E-04	1.60E-04	1.60E-04	1.19E-04	7.20E-05	1.54E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	8.28E-05	3.63E-05
192	561424.67	4192394.37	2.11E-04	1.61E-04	1.57E-04	1.58E-04	1.57E-04	1.57E-04	1.17E-04	7.07E-05	1.51E-04	1.26E-04	1.22E-04	1.22E-04	1.22E-04	8.13E-05	3.56E-05
193	561427.09	4192385.28	2.08E-04	1.59E-04	1.55E-04	1.55E-04	1.55E-04	1.55E-04	1.15E-04	6.96E-05	1.49E-04	1.24E-04	1.20E-04	1.20E-04	1.20E-04	8.00E-05	3.50E-05
194	561429.51	4192376.18	2.05E-04	1.56E-04	1.53E-04	1.53E-04	1.53E-04	1.53E-04	1.13E-04	6.86E-05	1.47E-04	1.22E-04	1.18E-04	1.19E-04	1.18E-04	7.89E-05	3.45E-05
195	561431.93	4192367.08	2.02E-04	1.54E-04	1.50E-04	1.51E-04	1.50E-04	1.50E-04	1.12E-04	6.76E-05	1.45E-04	1.20E-04	1.17E-04	1.17E-04	1.17E-04	7.78E-05	3.41E-05
196	561434.35	4192357.98	2.00E-04	1.52E-04	1.48E-04	1.49E-04	1.48E-04	1.48E-04	1.10E-04	6.68E-05	1.43E-04	1.19E-04	1.15E-04	1.15E-04	1.15E-04	7.68E-05	3.36E-05
197	561436.78	4192348.88	1.97E-04	1.51E-04	1.47E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.60E-05	1.41E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	7.59E-05	3.32E-05
198	561439.2	4192339.78	1.95E-04	1.49E-04	1.45E-04	1.46E-04	1.45E-04	1.45E-04	1.08E-04	6.53E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.51E-05	3.29E-05
199	561441.62	4192330.69	1.94E-04	1.48E-04	1.44E-04	1.45E-04	1.44E-04	1.44E-04	1.07E-04	6.49E-05	1.39E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	7.46E-05	3.27E-05
200	561429.49	4192415.14	2.03E-04	1.55E-04	1.51E-04	1.51E-04	1.51E-04	1.51E-04	1.12E-04	6.77E-05	1.45E-04	1.20E-04	1.17E-04	1.17E-04	1.17E-04	7.79E-05	3.41E-05
201	561431.91	4192406.04	1.99E-04	1.52E-04	1.48E-04	1.49E-04	1.48E-04	1.48E-04	1.10E-04	6.66E-05	1.42E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	7.66E-05	3.35E-05
202	561434.34	4192396.95	1.96E-04	1.50E-04	1.46E-04	1.46E-04	1.46E-04	1.46E-04	1.08E-04	6.55E-05	1.40E-04	1.17E-04	1.13E-04	1.13E-04	1.13E-04	7.54E-05	3.30E-05
203	561436.76	4192387.85	1.93E-04	1.47E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.06E-04	6.45E-05	1.38E-04	1.15E-04	1.11E-04	1.12E-04	1.11E-04	7.42E-05	3.25E-05
204	561439.18	4192378.75	1.90E-04	1.45E-04	1.42E-04	1.42E-04	1.42E-04	1.42E-04	1.05E-04	6.36E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.32E-05	3.20E-05
205	561441.6	4192369.65	1.88E-04	1.43E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.04E-04	6.28E-05	1.34E-04	1.12E-04	1.08E-04	1.09E-04	1.08E-04	7.22E-05	3.16E-05
206	561444.02	4192360.55	1.86E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	1.38E-04	1.02E-04	6.21E-05	1.33E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.14E-05	3.13E-05
207	561446.44	4192351.45	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.01E-04	6.15E-05	1.31E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.07E-05	3.10E-05
208	561448.86	4192342.36	1.82E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.10E-05	1.30E-04	1.08E-04	1.05E-04	1.06E-04	1.05E-04	7.02E-05	3.07E-05
209	561451.28	4192333.26	1.81E-04	1.38E-04	1.35E-04	1.35E-04	1.35E-04	1.35E-04	1.00E-04	6.07E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	6.98E-05	3.05E-05
210	561439.16	4192417.71	1.87E-04	1.43E-04	1.39E-04	1.40E-04	1.39E-04	1.39E-04	1.03E-04	6.26E-05	1.34E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.20E-05	3.15E-05
211	561441.58	4192408.62	1.84E-04	1.41E-04	1.37E-04	1.38E-04	1.37E-04	1.37E-04	1.02E-04	6.17E-05	1.32E-04	1.10E-04	1.06E-04	1.07E-04	1.06E-04	7.09E-05	3.10E-05
212	561444	4192399.52	1.82E-04	1.39E-04	1.35E-04	1.36E-04	1.35E-04	1.35E-04	1.00E-04	6.08E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.00E-05	3.06E-05
213	561446.42	4192390.42	1.79E-04	1.37E-04	1.33E-04	1.34E-04	1.33E-04	1.33E-04	9.89E-05	6.00E-05	1.28E-04	1.07E-04	1.03E-04	1.04E-04	1.03E-04	6.90E-05	3.02E-05
214	561448.84	4192381.32	1.77E-04	1.35E-04	1.32E-04	1.32E-04	1.32E-04	1.32E-04	9.76E-05	5.91E-05	1.26E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.80E-05	2.98E-05
215	561451.26	4192372.22	1.75E-04	1.33E-04	1.30E-04	1.30E-04	1.30E-04	1.30E-04	9.64E-05	5.84E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.72E-05	2.94E-05
216	561453.68	4192363.12	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	9.54E-05	5.79E-05	1.24E-04	1.03E-04	9.98E-05	1.00E-04	9.98E-05	6.65E-05	2.91E-05
217	561456.1	4192354.03	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	1.28E-04	9.47E-05	5.74E-05	1.23E-04	1.02E-04	9.91E-05	9.93E-05	9.91E-05	6.60E-05	2.89E-05
218	561458.52	4192344.93	1.71E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	1.27E-04	9.42E-05	5.71E-05	1.22E-04	1.02E-04	9.85E-05	9.88E-05	9.85E-05	6.57E-05	2.87E-05
219	561460.94	4192335.83	1.70E-04	1.30E-04	1.26E-04	1.27E-04	1.26E-04	1.26E-04	9.38E-05	5.69E-05	1.22E-04	1.01E-04	9.81E-05	9.83E-05	9.81E-05	6.54E-05	2.86E-05
220	561448.82	4192420.29	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	9.57E-05	5.80E-05	1.24E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	6.67E-05	2.92E-05
221	561451.24	4192411.19	1.71E-04	1.31E-04	1.27E-04	1.28E-04	1.27E-04	1.27E-04	9.43E-05	5.72E-05	1.22E-04	1.02E-04	9.87E-05	9.89E-05	9.87E-05	6.58E-05	2.88E-05
222	561453.66	4192402.09	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	1.26E-04	9.31E-05	5.64E-05	1.21E-04	1.00E-04	9.74E-05	9.76E-05	9.74E-05	6.49E-05	2.84E-05
223	561456.08	4192392.99	1.67E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	9.19E-05	5.57E-05	1.19E-04	9.91E-05	9.61E-05	9.64E-05	9.61E-05	6.41E-05	2.81E-05
224	561458.5	4192383.89	1.65E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	1.22E-04	9.08E-05	5.51E-05	1.18E-04	9.79E-05	9.50E-05	9.52E-05	9.50E-05	6.33E-05	2.77E-05
225	561460.92	4192374.79	1.63E-04	1.24E-04	1.21E-04	1.22E-04	1.21E-04	1.21E-04	8.99E-05	5.45E-05	1.16E-04	9.69E-05	9.40E-05	9.42E-05	9.40E-05	6.27E-05	2.74E-05
226	561463.35	4192365.69	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	8.91E-05	5.40E-05	1.15E-04	9.60E-05	9.31E-05	9.34E-05	9.31E-05	6.21E-05	2.72E-05
227	561465.77	4192356.6	1.61E-04	1.23E-04	1.19E-04	1.20E-04	1.19E-04	1.19E-04	8.86E-05	5.37E-05	1.15E-04	9.55E-05	9.26E-05	9.29E-05	9.26E-05	6.18E-05	2.70E-05
228	561468.19	4192347.5	1.60E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	1.19E-04	8.83E-05	5.35E-05	1.14E-04	9.51E-05	9.23E-05	9.25E-05	9.23E-05	6.15E-05	2.69E-05
229	561470.61	4192338.4	1.60E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	1.19E-04	8.80E-05	5.34E-05	1.14E-04	9.49E-05	9.20E-05	9.23E-05	9.20E-05	6.14E-05	2.69E-05
230	561458.48	4192422.86	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	8.89E-05	5.39E-05	1.15E-04	9.59E-05	9.30E-05	9.32E-05	9.30E-05	6.20E-05	2.71E-05
231	561460.91	4192413.76	1.59E-04	1.21E-04	1.18E-04	1.19E-04	1.18E-04	1.18E-04	8.77E-05	5.32E-05	1.14E-04	9.45E-05	9.17E-05	9.20E-05	9.17E-05	6.11E-05	2.68E-05
232	561463.33	4192404.66	1.57E-04	1.20E-04	1.17E-04	1.17E-04	1.17E-04	1.17E-04	8.66E-05	5.25E-05	1.12E-04	9.34E-05	9.06E-05	9.08E-05	9.06E-05	6.04E-05	2.64E-05
233	561465.75	4192395.56	1.55E-04	1.18E-04	1.15E-04	1.16E-04	1.15E-04	1.15E-04	8.56E-05	5.19E-05	1.11E-04	9.23E-05	8.95E-05	8.98E-05	8.95E-05	5.97E-05	2.61E-05
234	561468.17	4192386.46	1.53E-04	1.17E-04	1.14E-04	1.15E-04	1.14E-04	1.14E-04	8.47E-05	5.13E-05	1.10E-04	9.13E-05	8.85E-05	8.88E-05	8.85E-05	5.90E-05	2.58E-05
235	561470.59	4192377.36	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	8.39E-05	5.09E-05	1.09E-04	9.05E-05	8.77E-05	8.80E-05	8.77E-05	5.85E-05	2.56E-05
236	561473.01	4192368.27	1.51E-04	1.15E-04	1.12E-04	1.13E-04	1.12E-04	1.12E-04	8.33E-05	5.05E-05	1.08E-04	8.98E-05	8.71E-05	8.73E-05	8.71E-05	5.81E-05	2.54E-05

237	561475.43	4192359.17	1.50E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	8.30E-05	5.03E-05	1.08E-04	8.94E-05	8.68E-05	8.70E-05	8.68E-05	5.78E-05	2.53E-05
238	561477.85	4192350.07	1.50E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	8.28E-05	5.02E-05	1.07E-04	8.92E-05	8.65E-05	8.68E-05	8.65E-05	5.77E-05	2.53E-05
239	561480.27	4192340.97	1.50E-04	1.14E-04	1.11E-04	1.12E-04	1.11E-04	1.11E-04	8.26E-05	5.01E-05	1.07E-04	8.91E-05	8.64E-05	8.66E-05	8.64E-05	5.76E-05	2.52E-05
240	561468.15	4192425.43	1.50E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	8.28E-05	5.02E-05	1.07E-04	8.93E-05	8.66E-05	8.68E-05	8.66E-05	5.77E-05	2.53E-05
241	561470.57	4192416.33	1.48E-04	1.13E-04	1.10E-04	1.11E-04	1.10E-04	1.10E-04	8.17E-05	4.95E-05	1.06E-04	8.81E-05	8.55E-05	8.57E-05	8.55E-05	5.70E-05	2.49E-05
242	561472.99	4192407.23	1.46E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	8.07E-05	4.89E-05	1.05E-04	8.70E-05	8.44E-05	8.47E-05	8.44E-05	5.63E-05	2.46E-05
243	561475.41	4192398.13	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	1.08E-04	7.99E-05	4.84E-05	1.04E-04	8.61E-05	8.35E-05	8.38E-05	8.35E-05	5.57E-05	2.44E-05
244	561477.83	4192389.03	1.44E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	7.92E-05	4.80E-05	1.03E-04	8.54E-05	8.28E-05	8.30E-05	8.28E-05	5.52E-05	2.42E-05
245	561480.25	4192379.94	1.43E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	1.06E-04	7.86E-05	4.77E-05	1.02E-04	8.48E-05	8.22E-05	8.24E-05	8.22E-05	5.48E-05	2.40E-05
246	561482.67	4192370.84	1.42E-04	1.08E-04	1.05E-04	1.06E-04	1.05E-04	1.05E-04	7.82E-05	4.74E-05	1.01E-04	8.43E-05	8.17E-05	8.20E-05	8.17E-05	5.45E-05	2.39E-05
247	561485.09	4192361.74	1.41E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.79E-05	4.72E-05	1.01E-04	8.40E-05	8.15E-05	8.17E-05	8.15E-05	5.43E-05	2.38E-05
248	561487.51	4192352.64	1.41E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.77E-05	4.71E-05	1.01E-04	8.38E-05	8.13E-05	8.15E-05	8.13E-05	5.42E-05	2.37E-05
249	561489.94	4192343.54	1.41E-04	1.07E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.76E-05	4.70E-05	1.01E-04	8.37E-05	8.12E-05	8.14E-05	8.12E-05	5.41E-05	2.37E-05
250	561477.81	4192428	1.40E-04	1.07E-04	1.04E-04	1.05E-04	1.04E-04	1.04E-04	7.73E-05	4.69E-05	1.00E-04	8.33E-05	8.08E-05	8.11E-05	8.08E-05	5.39E-05	2.36E-05
251	561480.23	4192418.9	1.38E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	7.64E-05	4.63E-05	9.90E-05	8.23E-05	7.98E-05	8.01E-05	7.98E-05	5.32E-05	2.33E-05
252	561482.65	4192409.8	1.37E-04	1.04E-04	1.02E-04	1.02E-04	1.02E-04	1.02E-04	7.55E-05	4.58E-05	9.79E-05	8.14E-05	7.90E-05	7.92E-05	7.90E-05	5.27E-05	2.31E-05
253	561485.07	4192400.7	1.36E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	7.48E-05	4.54E-05	9.70E-05	8.07E-05	7.83E-05	7.85E-05	7.83E-05	5.22E-05	2.28E-05
254	561487.5	4192391.61	1.35E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	7.43E-05	4.50E-05	9.63E-05	8.01E-05	7.77E-05	7.79E-05	7.77E-05	5.18E-05	2.27E-05
255	561489.92	4192382.51	1.34E-04	1.02E-04	9.96E-05	9.98E-05	9.96E-05	9.96E-05	7.38E-05	4.48E-05	9.57E-05	7.96E-05	7.72E-05	7.74E-05	7.72E-05	5.15E-05	2.25E-05
256	561492.34	4192373.41	1.33E-04	1.02E-04	9.91E-05	9.94E-05	9.91E-05	9.91E-05	7.35E-05	4.46E-05	9.53E-05	7.92E-05	7.69E-05	7.71E-05	7.69E-05	5.12E-05	2.24E-05
257	561494.76	4192364.31	1.33E-04	1.01E-04	9.88E-05	9.91E-05	9.88E-05	9.88E-05	7.33E-05	4.44E-05	9.50E-05	7.90E-05	7.66E-05	7.68E-05	7.66E-05	5.11E-05	2.24E-05
258	561497.18	4192355.21	1.33E-04	1.01E-04	9.86E-05	9.89E-05	9.86E-05	9.86E-05	7.31E-05	4.43E-05	9.48E-05	7.88E-05	7.65E-05	7.67E-05	7.65E-05	5.10E-05	2.23E-05
259	561499.6	4192346.11	1.32E-04	1.01E-04	9.85E-05	9.88E-05	9.85E-05	9.85E-05	7.30E-05	4.43E-05	9.47E-05	7.87E-05	7.64E-05	7.66E-05	7.64E-05	5.09E-05	2.23E-05
260	561487.48	4192430.57	1.31E-04	1.00E-04	9.75E-05	9.77E-05	9.75E-05	9.75E-05	7.23E-05	4.38E-05	9.37E-05	7.79E-05	7.56E-05	7.58E-05	7.56E-05	5.04E-05	2.21E-05
261	561489.9	4192421.47	1.30E-04	9.89E-05	9.64E-05	9.66E-05	9.64E-05	9.64E-05	7.15E-05	4.33E-05	9.26E-05	7.70E-05	7.47E-05	7.49E-05	7.47E-05	4.98E-05	2.18E-05
262	561492.32	4192412.37	1.28E-04	9.79E-05	9.54E-05	9.57E-05	9.54E-05	9.54E-05	7.08E-05	4.29E-05	9.17E-05	7.63E-05	7.40E-05	7.42E-05	7.40E-05	4.93E-05	2.16E-05
263	561494.74	4192403.27	1.27E-04	9.71E-05	9.47E-05	9.49E-05	9.47E-05	9.47E-05	7.02E-05	4.26E-05	9.10E-05	7.57E-05	7.34E-05	7.36E-05	7.34E-05	4.89E-05	2.14E-05
264	561497.16	4192394.18	1.26E-04	9.65E-05	9.41E-05	9.43E-05	9.41E-05	9.41E-05	6.98E-05	4.23E-05	9.04E-05	7.52E-05	7.29E-05	7.31E-05	7.29E-05	4.86E-05	2.13E-05
265	561499.58	4192385.08	1.26E-04	9.60E-05	9.36E-05	9.39E-05	9.36E-05	9.36E-05	6.94E-05	4.21E-05	9.00E-05	7.48E-05	7.26E-05	7.28E-05	7.26E-05	4.84E-05	2.12E-05
266	561502	4192375.98	1.25E-04	9.57E-05	9.33E-05	9.35E-05	9.33E-05	9.33E-05	6.92E-05	4.19E-05	8.97E-05	7.46E-05	7.23E-05	7.25E-05	7.23E-05	4.82E-05	2.11E-05
267	561504.42	4192366.88	1.25E-04	9.55E-05	9.31E-05	9.33E-05	9.31E-05	9.31E-05	6.90E-05	4.18E-05	8.95E-05	7.44E-05	7.22E-05	7.24E-05	7.22E-05	4.81E-05	2.11E-05
268	561506.84	4192357.78	1.25E-04	9.54E-05	9.30E-05	9.32E-05	9.30E-05	9.30E-05	6.89E-05	4.18E-05	8.94E-05	7.43E-05	7.21E-05	7.23E-05	7.21E-05	4.81E-05	2.10E-05
269	561509.26	4192348.68	1.25E-04	9.53E-05	9.29E-05	9.32E-05	9.29E-05	9.29E-05	6.89E-05	4.18E-05	8.93E-05	7.43E-05	7.21E-05	7.23E-05	7.21E-05	4.80E-05	2.10E-05
270	561401.78	4192218.01	2.62E-04	2.00E-04	1.95E-04	1.95E-04	1.95E-04	1.95E-04	1.44E-04	8.76E-05	1.87E-04	1.56E-04	1.51E-04	1.51E-04	1.51E-04	1.01E-04	4.41E-05
271	561403.11	4192227.59	2.63E-04	2.01E-04	1.95E-04	1.96E-04	1.95E-04	1.95E-04	1.45E-04	8.79E-05	1.88E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.01E-04	4.42E-05
272	561410.29	4192212.23	2.44E-04	1.86E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.35E-04	8.16E-05	1.75E-04	1.45E-04	1.41E-04	1.41E-04	1.41E-04	9.39E-05	4.11E-05
273	561411.6	4192221.7	2.45E-04	1.87E-04	1.82E-04	1.83E-04	1.82E-04	1.82E-04	1.35E-04	8.20E-05	1.75E-04	1.46E-04	1.41E-04	1.42E-04	1.41E-04	9.43E-05	4.13E-05
274	561412.91	4192231.18	2.46E-04	1.87E-04	1.83E-04	1.83E-04	1.83E-04	1.83E-04	1.36E-04	8.21E-05	1.76E-04	1.46E-04	1.42E-04	1.42E-04	1.42E-04	9.45E-05	4.14E-05
275	561417.52	4192197.16	2.26E-04	1.73E-04	1.68E-04	1.69E-04	1.68E-04	1.68E-04	1.25E-04	7.57E-05	1.62E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	8.71E-05	3.81E-05
276	561418.81	4192206.53	2.28E-04	1.74E-04	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.26E-04	7.63E-05	1.63E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.78E-05	3.84E-05
277	561420.11	4192215.9	2.30E-04	1.75E-04	1.71E-04	1.71E-04	1.71E-04	1.71E-04	1.27E-04	7.68E-05	1.64E-04	1.37E-04	1.32E-04	1.33E-04	1.32E-04	8.83E-05	3.87E-05
278	561421.41	4192225.28	2.30E-04	1.76E-04	1.71E-04	1.72E-04	1.71E-04	1.71E-04	1.27E-04	7.71E-05	1.65E-04	1.37E-04	1.33E-04	1.33E-04	1.33E-04	8.87E-05	3.88E-05
279	561422.7	4192234.65	2.31E-04	1.76E-04	1.72E-04	1.72E-04	1.72E-04	1.72E-04	1.27E-04	7.71E-05	1.65E-04	1.37E-04	1.33E-04	1.33E-04	1.33E-04	8.87E-05	3.88E-05
280	561424.77	4192182.33	2.10E-04	1.60E-04	1.56E-04	1.57E-04	1.56E-04	1.56E-04	1.16E-04	7.03E-05	1.50E-04	1.25E-04	1.21E-04	1.22E-04	1.21E-04	8.08E-05	3.54E-05
281	561426.06	4192191.61	2.12E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.58E-04	1.17E-04	7.10E-05	1.52E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	8.16E-05	3.57E-05
282	561427.34	4192200.89	2.14E-04	1.63E-04	1.59E-04	1.60E-04	1.59E-04	1.59E-04	1.18E-04	7.16E-05	1.53E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	8.24E-05	3.61E-05
283	561428.62	4192210.18	2.16E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.60E-04	1.19E-04	7.21E-05	1.54E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	8.29E-05	3.63E-05
284	561429.91	4192219.46	2.17E-04	1.65E-04	1.61E-04	1.62E-04	1.61E-04	1.61E-04	1.20E-04	7.25E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.33E-05	3.65E-05

285	561431.19	4192228.75	2.17E-04	1.66E-04	1.61E-04	1.62E-04	1.61E-04	1.20E-04	7.26E-05	1.55E-04	1.29E-04	1.25E-04	1.26E-04	1.25E-04	8.35E-05	3.66E-05
286	561432.48	4192238.03	2.17E-04	1.66E-04	1.61E-04	1.62E-04	1.61E-04	1.20E-04	7.25E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.34E-05	3.65E-05
287	561434.94	4192188.53	2.00E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	1.10E-04	6.69E-05	1.43E-04	1.19E-04	1.15E-04	1.16E-04	1.15E-04	7.69E-05	3.37E-05
288	561436.28	4192198.22	2.02E-04	1.54E-04	1.50E-04	1.51E-04	1.50E-04	1.11E-04	6.75E-05	1.44E-04	1.20E-04	1.16E-04	1.17E-04	1.16E-04	7.76E-05	3.40E-05
289	561437.62	4192207.91	2.03E-04	1.55E-04	1.51E-04	1.52E-04	1.51E-04	1.12E-04	6.80E-05	1.45E-04	1.21E-04	1.17E-04	1.18E-04	1.17E-04	7.82E-05	3.42E-05
290	561438.96	4192217.59	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.13E-04	6.83E-05	1.46E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	7.86E-05	3.44E-05
291	561445.66	4192266.03	2.00E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	1.10E-04	6.70E-05	1.43E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	7.70E-05	3.37E-05
292	561429.07	4192129.23	1.82E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.10E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.01E-05	3.07E-05
293	561438.17	4192144.58	1.79E-04	1.37E-04	1.33E-04	1.34E-04	1.33E-04	9.88E-05	5.99E-05	1.28E-04	1.06E-04	1.03E-04	1.04E-04	1.03E-04	6.89E-05	3.02E-05
294	561439.49	4192154.17	1.81E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	1.00E-04	6.07E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	6.98E-05	3.06E-05
295	561440.82	4192163.75	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.01E-04	6.15E-05	1.31E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.07E-05	3.10E-05
296	561444.8	4192192.51	1.90E-04	1.45E-04	1.41E-04	1.42E-04	1.41E-04	1.05E-04	6.35E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.31E-05	3.20E-05
297	561452.75	4192250.04	1.91E-04	1.46E-04	1.42E-04	1.43E-04	1.42E-04	1.06E-04	6.40E-05	1.37E-04	1.14E-04	1.10E-04	1.11E-04	1.10E-04	7.36E-05	3.22E-05
298	561454.08	4192259.62	1.90E-04	1.45E-04	1.41E-04	1.42E-04	1.41E-04	1.05E-04	6.35E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.30E-05	3.20E-05
299	561455.41	4192269.21	1.88E-04	1.43E-04	1.40E-04	1.40E-04	1.40E-04	1.04E-04	6.28E-05	1.34E-04	1.12E-04	1.08E-04	1.09E-04	1.08E-04	7.22E-05	3.16E-05
300	561459.39	4192297.97	1.79E-04	1.37E-04	1.34E-04	1.34E-04	1.34E-04	9.90E-05	6.00E-05	1.28E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.90E-05	3.02E-05
301	561460.71	4192307.56	1.76E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	9.72E-05	5.89E-05	1.26E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.78E-05	2.97E-05
302	561430.05	4192118.47	1.77E-04	1.35E-04	1.32E-04	1.32E-04	1.32E-04	9.77E-05	5.92E-05	1.27E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.81E-05	2.98E-05
303	561437.74	4192124.18	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.47E-05	5.74E-05	1.23E-04	1.02E-04	9.91E-05	9.93E-05	9.91E-05	6.60E-05	2.89E-05
304	561446.76	4192139.39	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.31E-05	5.64E-05	1.21E-04	1.00E-04	9.74E-05	9.76E-05	9.74E-05	6.49E-05	2.84E-05
305	561448.07	4192148.89	1.71E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	9.43E-05	5.72E-05	1.22E-04	1.02E-04	9.86E-05	9.89E-05	9.86E-05	6.57E-05	2.88E-05
306	561449.38	4192158.38	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.54E-05	5.78E-05	1.24E-04	1.03E-04	9.98E-05	1.00E-04	9.98E-05	6.65E-05	2.91E-05
307	561450.7	4192167.88	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.65E-05	5.85E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.73E-05	2.95E-05
308	561462.52	4192253.34	1.80E-04	1.38E-04	1.34E-04	1.34E-04	1.34E-04	9.94E-05	6.03E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.93E-05	3.03E-05
309	561463.83	4192262.83	1.79E-04	1.36E-04	1.33E-04	1.33E-04	1.33E-04	9.85E-05	5.97E-05	1.28E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.87E-05	3.01E-05
310	561465.15	4192272.33	1.76E-04	1.35E-04	1.31E-04	1.32E-04	1.31E-04	9.73E-05	5.90E-05	1.26E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.79E-05	2.97E-05
311	561466.46	4192281.82	1.74E-04	1.33E-04	1.29E-04	1.30E-04	1.29E-04	9.60E-05	5.82E-05	1.24E-04	1.03E-04	1.00E-04	1.01E-04	1.00E-04	6.69E-05	2.93E-05
312	561467.77	4192291.32	1.71E-04	1.31E-04	1.27E-04	1.28E-04	1.27E-04	9.45E-05	5.73E-05	1.23E-04	1.02E-04	9.88E-05	9.91E-05	9.88E-05	6.59E-05	2.88E-05
313	561469.09	4192300.81	1.68E-04	1.29E-04	1.25E-04	1.26E-04	1.25E-04	9.29E-05	5.63E-05	1.20E-04	1.00E-04	9.71E-05	9.74E-05	9.71E-05	6.48E-05	2.84E-05
314	561470.4	4192310.31	1.65E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	9.12E-05	5.53E-05	1.18E-04	9.83E-05	9.54E-05	9.56E-05	9.54E-05	6.36E-05	2.78E-05
315	561431.15	4192107.81	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.49E-05	5.75E-05	1.23E-04	1.02E-04	9.92E-05	9.95E-05	9.92E-05	6.61E-05	2.90E-05
316	561438.78	4192113.47	1.67E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.21E-05	5.58E-05	1.19E-04	9.92E-05	9.63E-05	9.65E-05	9.63E-05	6.42E-05	2.81E-05
317	561446.41	4192119.14	1.62E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.94E-05	5.42E-05	1.16E-04	9.64E-05	9.35E-05	9.37E-05	9.35E-05	6.23E-05	2.73E-05
318	561455.35	4192134.21	1.59E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	8.79E-05	5.33E-05	1.14E-04	9.48E-05	9.19E-05	9.22E-05	9.19E-05	6.13E-05	2.68E-05
319	561456.65	4192143.62	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	8.89E-05	5.39E-05	1.15E-04	9.58E-05	9.30E-05	9.32E-05	9.30E-05	6.20E-05	2.71E-05
320	561457.95	4192153.03	1.63E-04	1.24E-04	1.21E-04	1.22E-04	1.21E-04	8.99E-05	5.45E-05	1.17E-04	9.69E-05	9.40E-05	9.42E-05	9.40E-05	6.27E-05	2.74E-05
321	561464.46	4192200.1	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.48E-05	5.75E-05	1.23E-04	1.02E-04	9.92E-05	9.94E-05	9.92E-05	6.61E-05	2.89E-05
322	561465.76	4192209.51	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.53E-05	5.78E-05	1.24E-04	1.03E-04	9.97E-05	9.99E-05	9.97E-05	6.64E-05	2.91E-05
323	561467.07	4192218.92	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.55E-05	5.79E-05	1.24E-04	1.03E-04	9.99E-05	1.00E-04	9.99E-05	6.66E-05	2.92E-05
324	561472.28	4192256.57	1.70E-04	1.30E-04	1.26E-04	1.27E-04	1.26E-04	9.37E-05	5.68E-05	1.21E-04	1.01E-04	9.79E-05	9.82E-05	9.79E-05	6.53E-05	2.86E-05
325	561473.58	4192265.98	1.68E-04	1.28E-04	1.25E-04	1.25E-04	1.25E-04	9.27E-05	5.62E-05	1.20E-04	9.99E-05	9.69E-05	9.72E-05	9.69E-05	6.46E-05	2.83E-05
326	561474.88	4192275.4	1.66E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.16E-05	5.55E-05	1.19E-04	9.87E-05	9.58E-05	9.60E-05	9.58E-05	6.39E-05	2.80E-05
327	561476.18	4192284.81	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.03E-05	5.47E-05	1.17E-04	9.73E-05	9.44E-05	9.47E-05	9.44E-05	6.29E-05	2.76E-05
328	561477.48	4192294.22	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	8.88E-05	5.39E-05	1.15E-04	9.58E-05	9.29E-05	9.32E-05	9.29E-05	6.19E-05	2.71E-05
329	561478.79	4192303.63	1.58E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.73E-05	5.29E-05	1.13E-04	9.41E-05	9.13E-05	9.15E-05	9.13E-05	6.09E-05	2.66E-05
330	561480.09	4192313.05	1.55E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.57E-05	5.19E-05	1.11E-04	9.24E-05	8.96E-05	8.98E-05	8.96E-05	5.97E-05	2.62E-05
331	561432.37	4192097.23	1.67E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	9.22E-05	5.59E-05	1.19E-04	9.94E-05	9.64E-05	9.66E-05	9.64E-05	6.43E-05	2.81E-05
332	561439.94	4192102.85	1.62E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.95E-05	5.42E-05	1.16E-04	9.64E-05	9.35E-05	9.38E-05	9.35E-05	6.24E-05	2.73E-05

333	561447.51	4192108.47	1.58E-04	1.20E-04	1.17E-04	1.18E-04	1.17E-04	8.69E-05	5.27E-05	1.13E-04	9.37E-05	9.09E-05	9.11E-05	9.09E-05	6.06E-05	2.65E-05
334	561455.08	4192114.08	1.53E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	8.45E-05	5.12E-05	1.10E-04	9.11E-05	8.83E-05	8.86E-05	8.83E-05	5.89E-05	2.58E-05
335	561463.94	4192129.04	1.51E-04	1.15E-04	1.12E-04	1.13E-04	1.12E-04	8.32E-05	5.04E-05	1.08E-04	8.97E-05	8.70E-05	8.72E-05	8.70E-05	5.80E-05	2.54E-05
336	561470.4	4192175.72	1.60E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	8.83E-05	5.35E-05	1.14E-04	9.52E-05	9.23E-05	9.26E-05	9.23E-05	6.15E-05	2.69E-05
337	561472.98	4192194.39	1.63E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.98E-05	5.44E-05	1.16E-04	9.68E-05	9.39E-05	9.41E-05	9.39E-05	6.26E-05	2.74E-05
338	561474.27	4192203.73	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.03E-05	5.47E-05	1.17E-04	9.73E-05	9.44E-05	9.47E-05	9.44E-05	6.29E-05	2.76E-05
339	561475.56	4192213.07	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.06E-05	5.49E-05	1.17E-04	9.76E-05	9.47E-05	9.50E-05	9.47E-05	6.31E-05	2.76E-05
340	561476.86	4192222.4	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.06E-05	5.49E-05	1.17E-04	9.76E-05	9.47E-05	9.50E-05	9.47E-05	6.31E-05	2.76E-05
341	561482.02	4192259.75	1.60E-04	1.22E-04	1.19E-04	1.20E-04	1.19E-04	8.85E-05	5.36E-05	1.15E-04	9.54E-05	9.25E-05	9.28E-05	9.25E-05	6.17E-05	2.70E-05
342	561483.31	4192269.09	1.59E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.75E-05	5.30E-05	1.13E-04	9.43E-05	9.15E-05	9.17E-05	9.15E-05	6.10E-05	2.67E-05
343	561484.61	4192278.42	1.56E-04	1.19E-04	1.16E-04	1.17E-04	1.16E-04	8.63E-05	5.23E-05	1.12E-04	9.30E-05	9.02E-05	9.05E-05	9.02E-05	6.02E-05	2.63E-05
344	561485.9	4192287.76	1.54E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.50E-05	5.15E-05	1.10E-04	9.16E-05	8.89E-05	8.91E-05	8.89E-05	5.93E-05	2.59E-05
345	561487.19	4192297.1	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.36E-05	5.07E-05	1.08E-04	9.01E-05	8.74E-05	8.77E-05	8.74E-05	5.83E-05	2.55E-05
346	561488.48	4192306.43	1.49E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	8.22E-05	4.98E-05	1.06E-04	8.86E-05	8.59E-05	8.61E-05	8.59E-05	5.73E-05	2.51E-05
347	561489.77	4192315.77	1.46E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	8.06E-05	4.89E-05	1.05E-04	8.69E-05	8.43E-05	8.45E-05	8.43E-05	5.62E-05	2.46E-05
348	561439.89	4192091.33	1.58E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.74E-05	5.30E-05	1.13E-04	9.42E-05	9.14E-05	9.16E-05	9.14E-05	6.09E-05	2.67E-05
349	561447.73	4192097.15	1.54E-04	1.17E-04	1.14E-04	1.15E-04	1.14E-04	8.48E-05	5.14E-05	1.10E-04	9.14E-05	8.87E-05	8.89E-05	8.87E-05	5.91E-05	2.59E-05
350	561455.57	4192102.97	1.49E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	8.24E-05	4.99E-05	1.07E-04	8.88E-05	8.61E-05	8.64E-05	8.61E-05	5.74E-05	2.51E-05
351	561463.41	4192108.78	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	8.01E-05	4.85E-05	1.04E-04	8.63E-05	8.37E-05	8.40E-05	8.37E-05	5.58E-05	2.44E-05
352	561476.6	4192153.28	1.47E-04	1.12E-04	1.10E-04	1.10E-04	1.10E-04	8.13E-05	4.93E-05	1.05E-04	8.76E-05	8.50E-05	8.52E-05	8.50E-05	5.67E-05	2.48E-05
353	561477.94	4192162.95	1.49E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	8.22E-05	4.98E-05	1.07E-04	8.86E-05	8.60E-05	8.62E-05	8.60E-05	5.73E-05	2.51E-05
354	561479.28	4192172.62	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.37E-05	5.07E-05	1.08E-04	9.02E-05	8.75E-05	8.77E-05	8.75E-05	5.83E-05	2.55E-05
355	561483.29	4192201.63	1.55E-04	1.18E-04	1.15E-04	1.16E-04	1.15E-04	8.56E-05	5.19E-05	1.11E-04	9.22E-05	8.95E-05	8.97E-05	8.95E-05	5.97E-05	2.61E-05
356	561484.63	4192211.3	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.59E-05	5.21E-05	1.11E-04	9.26E-05	8.98E-05	9.01E-05	8.98E-05	5.99E-05	2.62E-05
357	561485.97	4192220.97	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.60E-05	5.21E-05	1.11E-04	9.27E-05	8.99E-05	9.01E-05	8.99E-05	5.99E-05	2.62E-05
358	561487.3	4192230.64	1.55E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.58E-05	5.20E-05	1.11E-04	9.24E-05	8.97E-05	8.99E-05	8.97E-05	5.98E-05	2.62E-05
359	561491.32	4192259.65	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.39E-05	5.09E-05	1.09E-04	9.05E-05	8.78E-05	8.80E-05	8.78E-05	5.85E-05	2.56E-05
360	561492.66	4192269.32	1.50E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	8.29E-05	5.03E-05	1.07E-04	8.94E-05	8.67E-05	8.69E-05	8.67E-05	5.78E-05	2.53E-05
361	561493.99	4192278.99	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	8.17E-05	4.95E-05	1.06E-04	8.81E-05	8.54E-05	8.57E-05	8.54E-05	5.70E-05	2.49E-05
362	561495.33	4192288.66	1.46E-04	1.11E-04	1.08E-04	1.09E-04	1.08E-04	8.04E-05	4.88E-05	1.04E-04	8.67E-05	8.41E-05	8.44E-05	8.41E-05	5.61E-05	2.46E-05
363	561496.67	4192298.33	1.43E-04	1.09E-04	1.07E-04	1.07E-04	1.07E-04	7.91E-05	4.79E-05	1.02E-04	8.52E-05	8.27E-05	8.29E-05	8.27E-05	5.51E-05	2.41E-05
364	561498.01	4192308	1.41E-04	1.07E-04	1.05E-04	1.05E-04	1.05E-04	7.76E-05	4.70E-05	1.01E-04	8.36E-05	8.11E-05	8.14E-05	8.11E-05	5.41E-05	2.37E-05
365	561499.34	4192317.67	1.38E-04	1.05E-04	1.03E-04	1.03E-04	1.03E-04	7.61E-05	4.61E-05	9.86E-05	8.20E-05	7.95E-05	7.98E-05	7.95E-05	5.30E-05	2.32E-05
366	561409.9	4192057.6	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.67E-05	5.86E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.74E-05	2.95E-05
367	561433.22	4192074.9	1.59E-04	1.21E-04	1.18E-04	1.19E-04	1.18E-04	8.77E-05	5.31E-05	1.14E-04	9.45E-05	9.17E-05	9.19E-05	9.17E-05	6.11E-05	2.68E-05
368	561440.99	4192080.67	1.54E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.50E-05	5.15E-05	1.10E-04	9.16E-05	8.89E-05	8.91E-05	8.89E-05	5.93E-05	2.59E-05
369	561448.76	4192086.44	1.50E-04	1.14E-04	1.11E-04	1.12E-04	1.11E-04	8.25E-05	5.00E-05	1.07E-04	8.90E-05	8.63E-05	8.65E-05	8.63E-05	5.75E-05	2.52E-05
370	561456.54	4192092.2	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	8.02E-05	4.86E-05	1.04E-04	8.64E-05	8.39E-05	8.41E-05	8.39E-05	5.59E-05	2.45E-05
371	561464.31	4192097.97	1.41E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.80E-05	4.73E-05	1.01E-04	8.41E-05	8.16E-05	8.18E-05	8.16E-05	5.44E-05	2.38E-05
372	561482.51	4192128.68	1.37E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	7.56E-05	4.58E-05	9.80E-05	8.15E-05	7.90E-05	7.92E-05	7.90E-05	5.27E-05	2.31E-05
373	561483.83	4192138.26	1.38E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	7.64E-05	4.63E-05	9.90E-05	8.23E-05	7.98E-05	8.01E-05	7.98E-05	5.32E-05	2.33E-05
374	561485.16	4192147.85	1.40E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	7.72E-05	4.68E-05	1.00E-04	8.32E-05	8.07E-05	8.09E-05	8.07E-05	5.38E-05	2.35E-05
375	561486.48	4192157.44	1.41E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.80E-05	4.73E-05	1.01E-04	8.40E-05	8.15E-05	8.17E-05	8.15E-05	5.44E-05	2.38E-05
376	561487.81	4192167.02	1.43E-04	1.09E-04	1.06E-04	1.07E-04	1.06E-04	7.88E-05	4.78E-05	1.02E-04	8.50E-05	8.24E-05	8.26E-05	8.24E-05	5.50E-05	2.41E-05
377	561489.14	4192176.61	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.99E-05	4.84E-05	1.04E-04	8.61E-05	8.36E-05	8.38E-05	8.36E-05	5.57E-05	2.44E-05
378	561493.12	4192205.37	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	8.15E-05	4.94E-05	1.06E-04	8.78E-05	8.52E-05	8.54E-05	8.52E-05	5.68E-05	2.49E-05
379	561494.44	4192214.96	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	8.17E-05	4.95E-05	1.06E-04	8.80E-05	8.54E-05	8.56E-05	8.54E-05	5.69E-05	2.49E-05
380	561495.77	4192224.54	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	8.16E-05	4.95E-05	1.06E-04	8.80E-05	8.53E-05	8.56E-05	8.53E-05	5.69E-05	2.49E-05

381	561497.09	4192234.13	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	8.14E-05	4.94E-05	1.06E-04	8.78E-05	8.51E-05	8.54E-05	8.51E-05	5.68E-05	2.48E-05
382	561498.42	4192243.72	1.47E-04	1.12E-04	1.09E-04	1.10E-04	1.09E-04	1.09E-04	8.10E-05	4.91E-05	1.05E-04	8.73E-05	8.47E-05	8.49E-05	8.47E-05	5.65E-05	2.47E-05
383	561499.75	4192253.3	1.46E-04	1.11E-04	1.08E-04	1.09E-04	1.08E-04	1.08E-04	8.03E-05	4.87E-05	1.04E-04	8.66E-05	8.40E-05	8.42E-05	8.40E-05	5.60E-05	2.45E-05
384	561501.07	4192262.89	1.44E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	7.94E-05	4.81E-05	1.03E-04	8.56E-05	8.30E-05	8.33E-05	8.30E-05	5.54E-05	2.42E-05
385	561502.4	4192272.48	1.42E-04	1.08E-04	1.06E-04	1.06E-04	1.06E-04	1.06E-04	7.83E-05	4.75E-05	1.02E-04	8.44E-05	8.19E-05	8.21E-05	8.19E-05	5.46E-05	2.39E-05
386	561503.73	4192282.06	1.40E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	1.04E-04	7.72E-05	4.68E-05	1.00E-04	8.32E-05	8.07E-05	8.09E-05	8.07E-05	5.38E-05	2.36E-05
387	561505.05	4192291.65	1.38E-04	1.05E-04	1.02E-04	1.03E-04	1.02E-04	1.02E-04	7.60E-05	4.61E-05	9.85E-05	8.19E-05	7.94E-05	7.97E-05	7.94E-05	5.30E-05	2.32E-05
388	561506.38	4192301.24	1.35E-04	1.03E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	7.47E-05	4.53E-05	9.68E-05	8.05E-05	7.81E-05	7.83E-05	7.81E-05	5.20E-05	2.28E-05
389	561507.71	4192310.83	1.33E-04	1.01E-04	9.88E-05	9.91E-05	9.88E-05	9.88E-05	7.33E-05	4.44E-05	9.50E-05	7.90E-05	7.66E-05	7.68E-05	7.66E-05	5.11E-05	2.24E-05
390	561509.03	4192320.41	1.30E-04	9.94E-05	9.69E-05	9.71E-05	9.69E-05	9.69E-05	7.18E-05	4.36E-05	9.31E-05	7.74E-05	7.51E-05	7.53E-05	7.51E-05	5.01E-05	2.19E-05
391	561411.35	4192047.2	1.70E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	1.27E-04	9.40E-05	5.70E-05	1.22E-04	1.01E-04	9.83E-05	9.85E-05	9.83E-05	6.55E-05	2.87E-05
392	561419.06	4192052.92	1.65E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	1.23E-04	9.09E-05	5.51E-05	1.18E-04	9.80E-05	9.50E-05	9.53E-05	9.50E-05	6.34E-05	2.77E-05
393	561426.77	4192058.64	1.59E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	1.19E-04	8.80E-05	5.33E-05	1.14E-04	9.49E-05	9.20E-05	9.23E-05	9.20E-05	6.13E-05	2.69E-05
394	561434.48	4192064.36	1.55E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	1.15E-04	8.53E-05	5.17E-05	1.11E-04	9.19E-05	8.92E-05	8.94E-05	8.92E-05	5.95E-05	2.60E-05
395	561442.19	4192070.08	1.50E-04	1.14E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	8.27E-05	5.02E-05	1.07E-04	8.92E-05	8.65E-05	8.67E-05	8.65E-05	5.77E-05	2.53E-05
396	561449.9	4192075.8	1.46E-04	1.11E-04	1.08E-04	1.09E-04	1.08E-04	1.08E-04	8.03E-05	4.87E-05	1.04E-04	8.66E-05	8.40E-05	8.42E-05	8.40E-05	5.60E-05	2.45E-05
397	561457.61	4192081.52	1.42E-04	1.08E-04	1.05E-04	1.06E-04	1.05E-04	1.05E-04	7.81E-05	4.73E-05	1.01E-04	8.42E-05	8.17E-05	8.19E-05	8.17E-05	5.44E-05	2.38E-05
398	561465.32	4192087.24	1.38E-04	1.05E-04	1.02E-04	1.03E-04	1.02E-04	1.02E-04	7.60E-05	4.61E-05	9.85E-05	8.19E-05	7.94E-05	7.97E-05	7.94E-05	5.30E-05	2.32E-05
399	561473.04	4192092.96	1.34E-04	1.02E-04	9.97E-05	1.00E-04	9.97E-05	9.97E-05	7.40E-05	4.48E-05	9.59E-05	7.97E-05	7.73E-05	7.76E-05	7.73E-05	5.16E-05	2.26E-05
400	561489.77	4192113.91	1.28E-04	9.79E-05	9.54E-05	9.57E-05	9.54E-05	9.54E-05	7.08E-05	4.29E-05	9.17E-05	7.63E-05	7.40E-05	7.42E-05	7.40E-05	4.93E-05	2.16E-05
401	561491.09	4192123.42	1.30E-04	9.91E-05	9.66E-05	9.69E-05	9.66E-05	9.66E-05	7.16E-05	4.34E-05	9.29E-05	7.72E-05	7.49E-05	7.51E-05	7.49E-05	4.99E-05	2.19E-05
402	561492.4	4192132.93	1.31E-04	1.00E-04	9.77E-05	9.80E-05	9.77E-05	9.77E-05	7.25E-05	4.39E-05	9.39E-05	7.81E-05	7.58E-05	7.60E-05	7.58E-05	5.05E-05	2.21E-05
403	561493.72	4192142.44	1.33E-04	1.01E-04	9.88E-05	9.90E-05	9.88E-05	9.88E-05	7.32E-05	4.44E-05	9.49E-05	7.90E-05	7.66E-05	7.68E-05	7.66E-05	5.11E-05	2.24E-05
404	561495.03	4192151.95	1.34E-04	1.02E-04	9.99E-05	1.00E-04	9.99E-05	9.99E-05	7.41E-05	4.49E-05	9.60E-05	7.98E-05	7.74E-05	7.76E-05	7.74E-05	5.16E-05	2.26E-05
405	561496.35	4192161.46	1.36E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	7.48E-05	4.54E-05	9.70E-05	8.07E-05	7.83E-05	7.85E-05	7.83E-05	5.22E-05	2.28E-05
406	561497.67	4192170.97	1.37E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	1.02E-04	7.57E-05	4.59E-05	9.82E-05	8.16E-05	7.92E-05	7.94E-05	7.92E-05	5.28E-05	2.31E-05
407	561498.98	4192180.48	1.38E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	7.64E-05	4.63E-05	9.90E-05	8.23E-05	7.99E-05	8.01E-05	7.99E-05	5.32E-05	2.33E-05
408	561502.93	4192209.02	1.41E-04	1.07E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.76E-05	4.70E-05	1.01E-04	8.36E-05	8.11E-05	8.14E-05	8.11E-05	5.41E-05	2.37E-05
409	561504.24	4192218.53	1.41E-04	1.07E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.77E-05	4.71E-05	1.01E-04	8.38E-05	8.12E-05	8.15E-05	8.12E-05	5.42E-05	2.37E-05
410	561505.56	4192228.04	1.41E-04	1.07E-04	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.76E-05	4.71E-05	1.01E-04	8.37E-05	8.12E-05	8.14E-05	8.12E-05	5.41E-05	2.37E-05
411	561506.88	4192237.55	1.40E-04	1.07E-04	1.04E-04	1.05E-04	1.04E-04	1.04E-04	7.73E-05	4.69E-05	1.00E-04	8.34E-05	8.09E-05	8.11E-05	8.09E-05	5.39E-05	2.36E-05
412	561508.19	4192247.06	1.39E-04	1.06E-04	1.04E-04	1.04E-04	1.04E-04	1.04E-04	7.69E-05	4.66E-05	9.96E-05	8.29E-05	8.04E-05	8.06E-05	8.04E-05	5.36E-05	2.35E-05
413	561509.51	4192256.57	1.38E-04	1.05E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	7.61E-05	4.61E-05	9.87E-05	8.21E-05	7.96E-05	7.98E-05	7.96E-05	5.31E-05	2.32E-05
414	561510.82	4192266.08	1.36E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	1.01E-04	7.52E-05	4.56E-05	9.75E-05	8.11E-05	7.87E-05	7.89E-05	7.87E-05	5.24E-05	2.30E-05
415	561512.14	4192275.59	1.34E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	7.42E-05	4.50E-05	9.62E-05	8.00E-05	7.76E-05	7.78E-05	7.76E-05	5.17E-05	2.26E-05
416	561513.45	4192285.1	1.33E-04	1.01E-04	9.86E-05	9.89E-05	9.86E-05	9.86E-05	7.31E-05	4.43E-05	9.48E-05	7.88E-05	7.64E-05	7.67E-05	7.64E-05	5.10E-05	2.23E-05
417	561514.77	4192294.61	1.30E-04	9.95E-05	9.70E-05	9.73E-05	9.70E-05	9.70E-05	7.19E-05	4.36E-05	9.32E-05	7.75E-05	7.52E-05	7.54E-05	7.52E-05	5.02E-05	2.20E-05
418	561516.09	4192304.12	1.28E-04	9.78E-05	9.53E-05	9.56E-05	9.53E-05	9.53E-05	7.07E-05	4.28E-05	9.16E-05	7.62E-05	7.39E-05	7.41E-05	7.39E-05	4.93E-05	2.16E-05
419	561517.4	4192313.63	1.26E-04	9.59E-05	9.35E-05	9.38E-05	9.35E-05	9.35E-05	6.93E-05	4.20E-05	8.99E-05	7.48E-05	7.25E-05	7.27E-05	7.25E-05	4.83E-05	2.12E-05
420	561518.72	4192323.14	1.23E-04	9.40E-05	9.17E-05	9.19E-05	9.17E-05	9.17E-05	6.80E-05	4.12E-05	8.81E-05	7.33E-05	7.11E-05	7.13E-05	7.11E-05	4.74E-05	2.07E-05
421	560985.67	4192041.55	3.61E-04	2.75E-04	2.68E-04	2.69E-04	2.68E-04	2.68E-04	1.99E-04	1.21E-04	2.58E-04	2.15E-04	2.08E-04	2.09E-04	2.08E-04	1.39E-04	6.08E-05
422	560991.7	4192030.36	3.52E-04	2.69E-04	2.62E-04	2.63E-04	2.62E-04	2.62E-04	1.94E-04	1.18E-04	2.52E-04	2.09E-04	2.03E-04	2.04E-04	2.03E-04	1.35E-04	5.93E-05
423	560982.51	4192032.06	3.39E-04	2.59E-04	2.52E-04	2.53E-04	2.52E-04	2.52E-04	1.87E-04	1.13E-04	2.43E-04	2.02E-04	1.96E-04	1.96E-04	1.96E-04	1.31E-04	5.71E-05
424	560988.58	4192020.87	3.32E-04	2.53E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	1.83E-04	1.11E-04	2.37E-04	1.97E-04	1.91E-04	1.92E-04	1.91E-04	1.28E-04	5.58E-05
425	560979.35	4192022.57	3.20E-04	2.44E-04	2.38E-04	2.39E-04	2.38E-04	2.38E-04	1.76E-04	1.07E-04	2.29E-04	1.90E-04	1.84E-04	1.85E-04	1.84E-04	1.23E-04	5.38E-05
426	560985.46	4192011.38	3.13E-04	2.39E-04	2.33E-04	2.33E-04	2.33E-04	2.33E-04	1.73E-04	1.05E-04	2.24E-04	1.86E-04	1.80E-04	1.81E-04	1.80E-04	1.20E-04	5.27E-05
427	560994.83	4192011	3.26E-04	2.49E-04	2.43E-04	2.43E-04	2.43E-04	2.43E-04	1.80E-04	1.09E-04	2.33E-04	1.94E-04	1.88E-04	1.89E-04	1.88E-04	1.25E-04	5.49E-05
428	560976.2	4192013.08	3.02E-04	2.30E-04	2.24E-04	2.25E-04	2.24E-04	2.24E-04	1.66E-04	1.01E-04	2.16E-04	1.79E-04	1.74E-04	1.75E-04	1.74E-04	1.16E-04	5.08E-05

429	560982.33	4192001.89	2.96E-04	2.26E-04	2.20E-04	2.21E-04	2.20E-04	1.63E-04	9.89E-05	2.11E-04	1.76E-04	1.71E-04	1.71E-04	1.71E-04	1.14E-04	4.98E-05
430	560991.77	4192001.51	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.18E-04	5.19E-05
431	561001.21	4192001.13	3.20E-04	2.44E-04	2.38E-04	2.39E-04	2.38E-04	1.77E-04	1.07E-04	2.29E-04	1.90E-04	1.85E-04	1.85E-04	1.85E-04	1.23E-04	5.39E-05
432	560973.04	4192003.6	2.85E-04	2.18E-04	2.12E-04	2.13E-04	2.12E-04	1.57E-04	9.54E-05	2.04E-04	1.70E-04	1.65E-04	1.65E-04	1.65E-04	1.10E-04	4.80E-05
433	560979.2	4191992.4	2.80E-04	2.14E-04	2.08E-04	2.09E-04	2.08E-04	1.54E-04	9.36E-05	2.00E-04	1.66E-04	1.61E-04	1.62E-04	1.61E-04	1.08E-04	4.71E-05
434	560988.7	4191992.01	2.91E-04	2.22E-04	2.17E-04	2.17E-04	2.17E-04	1.61E-04	9.74E-05	2.08E-04	1.73E-04	1.68E-04	1.69E-04	1.68E-04	1.12E-04	4.91E-05
435	560998.2	4191991.63	3.03E-04	2.31E-04	2.25E-04	2.26E-04	2.25E-04	1.67E-04	1.01E-04	2.17E-04	1.80E-04	1.75E-04	1.75E-04	1.75E-04	1.16E-04	5.10E-05
436	560969.88	4191994.11	2.70E-04	2.06E-04	2.01E-04	2.02E-04	2.01E-04	1.49E-04	9.04E-05	1.93E-04	1.61E-04	1.56E-04	1.56E-04	1.56E-04	1.04E-04	4.55E-05
437	560976.08	4191982.91	2.65E-04	2.03E-04	1.97E-04	1.98E-04	1.97E-04	1.46E-04	8.87E-05	1.90E-04	1.58E-04	1.53E-04	1.53E-04	1.53E-04	1.02E-04	4.47E-05
438	560985.63	4191982.52	2.76E-04	2.11E-04	2.05E-04	2.06E-04	2.05E-04	1.52E-04	9.23E-05	1.97E-04	1.64E-04	1.59E-04	1.60E-04	1.59E-04	1.06E-04	4.65E-05
439	560995.18	4191982.14	2.87E-04	2.19E-04	2.13E-04	2.14E-04	2.13E-04	1.58E-04	9.59E-05	2.05E-04	1.71E-04	1.65E-04	1.66E-04	1.65E-04	1.10E-04	4.83E-05
440	561004.73	4191981.75	2.98E-04	2.27E-04	2.21E-04	2.22E-04	2.21E-04	1.64E-04	9.95E-05	2.13E-04	1.77E-04	1.72E-04	1.72E-04	1.72E-04	1.14E-04	5.01E-05
441	560966.73	4191984.62	2.56E-04	1.96E-04	1.91E-04	1.91E-04	1.91E-04	1.41E-04	8.57E-05	1.83E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	9.85E-05	4.31E-05
442	560972.94	4191973.42	2.52E-04	1.92E-04	1.87E-04	1.88E-04	1.87E-04	1.39E-04	8.42E-05	1.80E-04	1.50E-04	1.45E-04	1.46E-04	1.45E-04	9.69E-05	4.24E-05
443	560982.55	4191973.03	2.62E-04	2.00E-04	1.95E-04	1.95E-04	1.95E-04	1.45E-04	8.76E-05	1.87E-04	1.56E-04	1.51E-04	1.52E-04	1.51E-04	1.01E-04	4.41E-05
444	560992.15	4191972.64	2.72E-04	2.08E-04	2.02E-04	2.03E-04	2.02E-04	1.50E-04	9.10E-05	1.95E-04	1.62E-04	1.57E-04	1.57E-04	1.57E-04	1.05E-04	4.58E-05
445	561001.76	4191972.26	2.82E-04	2.15E-04	2.10E-04	2.11E-04	2.10E-04	1.56E-04	9.44E-05	2.02E-04	1.68E-04	1.63E-04	1.63E-04	1.63E-04	1.09E-04	4.75E-05
446	561011.36	4191971.87	2.92E-04	2.23E-04	2.17E-04	2.18E-04	2.17E-04	1.61E-04	9.77E-05	2.09E-04	1.74E-04	1.69E-04	1.69E-04	1.69E-04	1.12E-04	4.92E-05
447	560963.57	4191975.13	2.43E-04	1.86E-04	1.81E-04	1.82E-04	1.81E-04	1.34E-04	8.14E-05	1.74E-04	1.45E-04	1.40E-04	1.41E-04	1.40E-04	9.36E-05	4.10E-05
448	560969.66	4191963.93	2.39E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.32E-04	8.00E-05	1.71E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	9.20E-05	4.03E-05
449	560979.01	4191963.56	2.48E-04	1.90E-04	1.85E-04	1.85E-04	1.85E-04	1.37E-04	8.31E-05	1.78E-04	1.48E-04	1.43E-04	1.44E-04	1.43E-04	9.56E-05	4.18E-05
450	560988.36	4191963.18	2.58E-04	1.97E-04	1.92E-04	1.92E-04	1.92E-04	1.42E-04	8.62E-05	1.84E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	9.91E-05	4.34E-05
451	560997.71	4191962.8	2.67E-04	2.04E-04	1.99E-04	1.99E-04	1.99E-04	1.47E-04	8.93E-05	1.91E-04	1.59E-04	1.54E-04	1.54E-04	1.54E-04	1.03E-04	4.49E-05
452	561007.06	4191962.43	2.76E-04	2.11E-04	2.05E-04	2.06E-04	2.05E-04	1.52E-04	9.23E-05	1.97E-04	1.64E-04	1.59E-04	1.60E-04	1.59E-04	1.06E-04	4.65E-05
453	560960.42	4191965.64	2.31E-04	1.77E-04	1.72E-04	1.73E-04	1.72E-04	1.28E-04	7.74E-05	1.65E-04	1.38E-04	1.33E-04	1.34E-04	1.33E-04	8.90E-05	3.90E-05
454	560966.53	4191954.44	2.28E-04	1.74E-04	1.69E-04	1.70E-04	1.69E-04	1.26E-04	7.62E-05	1.63E-04	1.35E-04	1.31E-04	1.32E-04	1.31E-04	8.76E-05	3.83E-05
455	560975.93	4191954.06	2.36E-04	1.80E-04	1.76E-04	1.76E-04	1.76E-04	1.30E-04	7.91E-05	1.69E-04	1.41E-04	1.36E-04	1.37E-04	1.36E-04	9.09E-05	3.98E-05
456	560985.34	4191953.69	2.45E-04	1.87E-04	1.82E-04	1.83E-04	1.82E-04	1.35E-04	8.20E-05	1.75E-04	1.46E-04	1.41E-04	1.42E-04	1.41E-04	9.43E-05	4.13E-05
457	560994.74	4191953.31	2.54E-04	1.94E-04	1.89E-04	1.89E-04	1.89E-04	1.40E-04	8.49E-05	1.81E-04	1.51E-04	1.46E-04	1.47E-04	1.46E-04	9.76E-05	4.27E-05
458	561004.14	4191952.93	2.62E-04	2.00E-04	1.95E-04	1.96E-04	1.95E-04	1.45E-04	8.77E-05	1.88E-04	1.56E-04	1.51E-04	1.52E-04	1.51E-04	1.01E-04	4.42E-05
459	561013.54	4191952.55	2.71E-04	2.07E-04	2.01E-04	2.02E-04	2.01E-04	1.49E-04	9.06E-05	1.94E-04	1.61E-04	1.56E-04	1.57E-04	1.56E-04	1.04E-04	4.56E-05
460	560957.26	4191956.15	2.20E-04	1.68E-04	1.64E-04	1.64E-04	1.64E-04	1.22E-04	7.37E-05	1.58E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.47E-05	3.71E-05
461	560963.4	4191944.95	2.17E-04	1.66E-04	1.61E-04	1.62E-04	1.61E-04	1.20E-04	7.26E-05	1.55E-04	1.29E-04	1.25E-04	1.26E-04	1.25E-04	8.35E-05	3.65E-05
462	560972.85	4191944.57	2.25E-04	1.72E-04	1.68E-04	1.68E-04	1.68E-04	1.24E-04	7.53E-05	1.61E-04	1.34E-04	1.30E-04	1.30E-04	1.30E-04	8.66E-05	3.79E-05
463	560982.3	4191944.19	2.33E-04	1.78E-04	1.74E-04	1.74E-04	1.74E-04	1.29E-04	7.81E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	8.98E-05	3.93E-05
464	560991.76	4191943.81	2.42E-04	1.84E-04	1.80E-04	1.80E-04	1.80E-04	1.33E-04	8.08E-05	1.73E-04	1.44E-04	1.39E-04	1.40E-04	1.39E-04	9.29E-05	4.07E-05
465	561001.21	4191943.43	2.50E-04	1.91E-04	1.86E-04	1.86E-04	1.86E-04	1.38E-04	8.35E-05	1.79E-04	1.48E-04	1.44E-04	1.44E-04	1.44E-04	9.60E-05	4.20E-05
466	561010.66	4191943.05	2.58E-04	1.97E-04	1.92E-04	1.92E-04	1.92E-04	1.42E-04	8.62E-05	1.84E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	9.91E-05	4.34E-05
467	561020.11	4191942.67	2.65E-04	2.03E-04	1.97E-04	1.98E-04	1.97E-04	1.46E-04	8.88E-05	1.90E-04	1.58E-04	1.53E-04	1.54E-04	1.53E-04	1.02E-04	4.47E-05
468	560954.1	4191946.66	2.10E-04	1.60E-04	1.56E-04	1.57E-04	1.56E-04	1.16E-04	7.02E-05	1.50E-04	1.25E-04	1.21E-04	1.21E-04	1.21E-04	8.08E-05	3.54E-05
469	560960.27	4191935.46	2.07E-04	1.58E-04	1.54E-04	1.54E-04	1.54E-04	1.14E-04	6.93E-05	1.48E-04	1.23E-04	1.19E-04	1.20E-04	1.19E-04	7.96E-05	3.49E-05
470	560969.77	4191935.08	2.15E-04	1.64E-04	1.60E-04	1.60E-04	1.60E-04	1.19E-04	7.18E-05	1.54E-04	1.28E-04	1.24E-04	1.24E-04	1.24E-04	8.26E-05	3.62E-05
471	560979.26	4191934.7	2.23E-04	1.70E-04	1.66E-04	1.66E-04	1.66E-04	1.23E-04	7.44E-05	1.59E-04	1.32E-04	1.28E-04	1.29E-04	1.28E-04	8.56E-05	3.75E-05
472	560988.76	4191934.32	2.30E-04	1.76E-04	1.71E-04	1.72E-04	1.71E-04	1.27E-04	7.70E-05	1.65E-04	1.37E-04	1.33E-04	1.33E-04	1.33E-04	8.86E-05	3.88E-05
473	560998.26	4191933.94	2.38E-04	1.82E-04	1.77E-04	1.77E-04	1.77E-04	1.31E-04	7.96E-05	1.70E-04	1.41E-04	1.37E-04	1.38E-04	1.37E-04	9.15E-05	4.01E-05
474	561007.76	4191933.55	2.45E-04	1.87E-04	1.83E-04	1.83E-04	1.83E-04	1.35E-04	8.21E-05	1.76E-04	1.46E-04	1.42E-04	1.42E-04	1.42E-04	9.44E-05	4.13E-05
475	561017.26	4191933.17	2.53E-04	1.93E-04	1.88E-04	1.89E-04	1.88E-04	1.39E-04	8.45E-05	1.81E-04	1.50E-04	1.46E-04	1.46E-04	1.46E-04	9.72E-05	4.26E-05
476	560950.95	4191937.17	2.00E-04	1.53E-04	1.49E-04	1.50E-04	1.49E-04	1.11E-04	6.70E-05	1.43E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	7.71E-05	3.38E-05

477	560957.13	4191925.97	1.98E-04	1.51E-04	1.47E-04	1.48E-04	1.47E-04	1.09E-04	6.62E-05	1.41E-04	1.18E-04	1.14E-04	1.14E-04	1.14E-04	7.61E-05	3.33E-05
478	560966.68	4191925.59	2.05E-04	1.57E-04	1.53E-04	1.53E-04	1.53E-04	1.13E-04	6.86E-05	1.47E-04	1.22E-04	1.18E-04	1.19E-04	1.18E-04	7.89E-05	3.45E-05
479	560976.22	4191925.21	2.12E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.17E-04	7.10E-05	1.52E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	8.17E-05	3.58E-05
480	560985.76	4191924.82	2.20E-04	1.68E-04	1.63E-04	1.64E-04	1.63E-04	1.21E-04	7.35E-05	1.57E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.45E-05	3.70E-05
481	560995.3	4191924.44	2.27E-04	1.73E-04	1.69E-04	1.69E-04	1.69E-04	1.25E-04	7.59E-05	1.62E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	8.73E-05	3.82E-05
482	561004.85	4191924.06	2.34E-04	1.79E-04	1.74E-04	1.75E-04	1.74E-04	1.29E-04	7.83E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	9.00E-05	3.94E-05
483	561014.39	4191923.67	2.41E-04	1.84E-04	1.79E-04	1.80E-04	1.79E-04	1.33E-04	8.06E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.27E-05	4.06E-05
484	561023.93	4191923.29	2.48E-04	1.89E-04	1.84E-04	1.85E-04	1.84E-04	1.37E-04	8.28E-05	1.77E-04	1.47E-04	1.43E-04	1.43E-04	1.43E-04	9.53E-05	4.17E-05
485	560947.79	4191927.68	1.92E-04	1.46E-04	1.42E-04	1.43E-04	1.42E-04	1.06E-04	6.41E-05	1.37E-04	1.14E-04	1.10E-04	1.11E-04	1.10E-04	7.37E-05	3.23E-05
486	560941.54	4192192.34	6.01E-04	4.59E-04	4.47E-04	4.48E-04	4.47E-04	3.32E-04	2.01E-04	4.30E-04	3.58E-04	3.47E-04	3.48E-04	3.47E-04	2.31E-04	1.01E-04
487	560936.25	4192207.6	6.21E-04	4.74E-04	4.62E-04	4.63E-04	4.62E-04	3.43E-04	2.08E-04	4.44E-04	3.69E-04	3.58E-04	3.59E-04	3.58E-04	2.39E-04	1.05E-04
488	560932.95	4192223.59	6.50E-04	4.96E-04	4.84E-04	4.85E-04	4.84E-04	3.59E-04	2.17E-04	4.65E-04	3.87E-04	3.75E-04	3.76E-04	3.75E-04	2.50E-04	1.09E-04
489	560931.59	4192190.65	5.48E-04	4.18E-04	4.08E-04	4.09E-04	4.08E-04	3.02E-04	1.83E-04	3.92E-04	3.26E-04	3.16E-04	3.17E-04	3.16E-04	2.11E-04	9.22E-05
490	560938.54	4192176.79	5.39E-04	4.12E-04	4.01E-04	4.02E-04	4.01E-04	2.98E-04	1.80E-04	3.86E-04	3.21E-04	3.11E-04	3.12E-04	3.11E-04	2.08E-04	9.09E-05
491	560945.5	4192162.92	5.29E-04	4.04E-04	3.94E-04	3.95E-04	3.94E-04	2.92E-04	1.77E-04	3.78E-04	3.15E-04	3.05E-04	3.06E-04	3.05E-04	2.04E-04	8.91E-05
492	560952.46	4192149.05	5.16E-04	3.94E-04	3.84E-04	3.85E-04	3.84E-04	2.85E-04	1.72E-04	3.69E-04	3.07E-04	2.98E-04	2.98E-04	2.98E-04	1.98E-04	8.69E-05
493	560926.46	4192205.58	5.64E-04	4.31E-04	4.20E-04	4.21E-04	4.20E-04	3.11E-04	1.89E-04	4.03E-04	3.36E-04	3.25E-04	3.26E-04	3.25E-04	2.17E-04	9.50E-05
494	560923.16	4192221.57	5.88E-04	4.49E-04	4.37E-04	4.38E-04	4.37E-04	3.24E-04	1.97E-04	4.20E-04	3.50E-04	3.39E-04	3.40E-04	3.39E-04	2.26E-04	9.90E-05
495	560921.66	4192188.89	5.01E-04	3.82E-04	3.73E-04	3.74E-04	3.73E-04	2.76E-04	1.68E-04	3.58E-04	2.98E-04	2.89E-04	2.90E-04	2.89E-04	1.93E-04	8.44E-05
496	560928.36	4192175.53	4.95E-04	3.78E-04	3.68E-04	3.69E-04	3.68E-04	2.73E-04	1.65E-04	3.54E-04	2.94E-04	2.85E-04	2.86E-04	2.85E-04	1.90E-04	8.33E-05
497	560935.06	4192162.18	4.86E-04	3.71E-04	3.62E-04	3.63E-04	3.62E-04	2.68E-04	1.63E-04	3.48E-04	2.89E-04	2.81E-04	2.81E-04	2.81E-04	1.87E-04	8.19E-05
498	560941.76	4192148.83	4.77E-04	3.64E-04	3.55E-04	3.56E-04	3.55E-04	2.63E-04	1.60E-04	3.41E-04	2.84E-04	2.75E-04	2.76E-04	2.75E-04	1.83E-04	8.03E-05
499	560954.7	4192131.37	4.75E-04	3.63E-04	3.53E-04	3.54E-04	3.53E-04	2.62E-04	1.59E-04	3.40E-04	2.82E-04	2.74E-04	2.75E-04	2.74E-04	1.83E-04	8.00E-05
500	560916.66	4192203.56	5.14E-04	3.92E-04	3.83E-04	3.84E-04	3.83E-04	2.84E-04	1.72E-04	3.68E-04	3.06E-04	2.97E-04	2.97E-04	2.97E-04	1.98E-04	8.66E-05
501	560913.36	4192219.55	5.33E-04	4.07E-04	3.97E-04	3.98E-04	3.97E-04	2.94E-04	1.78E-04	3.81E-04	3.17E-04	3.08E-04	3.08E-04	3.08E-04	2.05E-04	8.98E-05
502	560912.13	4192186.35	4.59E-04	3.50E-04	3.41E-04	3.42E-04	3.41E-04	2.53E-04	1.53E-04	3.28E-04	2.73E-04	2.65E-04	2.65E-04	2.65E-04	1.76E-04	7.72E-05
503	560919.34	4192171.97	4.54E-04	3.46E-04	3.38E-04	3.39E-04	3.38E-04	2.50E-04	1.52E-04	3.25E-04	2.70E-04	2.62E-04	2.63E-04	2.62E-04	1.75E-04	7.64E-05
504	560926.56	4192157.59	4.46E-04	3.41E-04	3.32E-04	3.33E-04	3.32E-04	2.46E-04	1.49E-04	3.19E-04	2.65E-04	2.57E-04	2.58E-04	2.57E-04	1.72E-04	7.51E-05
505	560933.77	4192143.21	4.37E-04	3.34E-04	3.25E-04	3.26E-04	3.25E-04	2.41E-04	1.46E-04	3.13E-04	2.60E-04	2.52E-04	2.53E-04	2.52E-04	1.68E-04	7.36E-05
506	560947.71	4192124.41	4.36E-04	3.32E-04	3.24E-04	3.25E-04	3.24E-04	2.40E-04	1.46E-04	3.11E-04	2.59E-04	2.51E-04	2.52E-04	2.51E-04	1.68E-04	7.33E-05
507	560961.14	4192115.55	4.56E-04	3.48E-04	3.39E-04	3.40E-04	3.39E-04	2.52E-04	1.53E-04	3.26E-04	2.71E-04	2.63E-04	2.64E-04	2.63E-04	1.75E-04	7.68E-05
508	560906.87	4192201.54	4.70E-04	3.58E-04	3.49E-04	3.50E-04	3.49E-04	2.59E-04	1.57E-04	3.36E-04	2.79E-04	2.71E-04	2.72E-04	2.71E-04	1.81E-04	7.91E-05
509	560903.57	4192217.53	4.86E-04	3.71E-04	3.61E-04	3.62E-04	3.61E-04	2.68E-04	1.62E-04	3.47E-04	2.89E-04	2.80E-04	2.81E-04	2.80E-04	1.87E-04	8.18E-05
510	560902.2	4192184.59	4.22E-04	3.22E-04	3.14E-04	3.15E-04	3.14E-04	2.33E-04	1.41E-04	3.02E-04	2.51E-04	2.43E-04	2.44E-04	2.43E-04	1.62E-04	7.10E-05
511	560909.16	4192170.72	4.18E-04	3.19E-04	3.11E-04	3.12E-04	3.11E-04	2.30E-04	1.40E-04	2.99E-04	2.48E-04	2.41E-04	2.42E-04	2.41E-04	1.61E-04	7.03E-05
512	560916.12	4192156.86	4.13E-04	3.15E-04	3.07E-04	3.08E-04	3.07E-04	2.28E-04	1.38E-04	2.95E-04	2.45E-04	2.38E-04	2.39E-04	2.38E-04	1.59E-04	6.95E-05
513	560923.08	4192142.99	4.05E-04	3.09E-04	3.02E-04	3.02E-04	3.02E-04	2.24E-04	1.36E-04	2.90E-04	2.41E-04	2.34E-04	2.34E-04	2.34E-04	1.56E-04	6.82E-05
514	560930.04	4192129.12	3.96E-04	3.02E-04	2.94E-04	2.95E-04	2.94E-04	2.18E-04	1.32E-04	2.83E-04	2.35E-04	2.28E-04	2.29E-04	2.28E-04	1.52E-04	6.66E-05
515	560939.99	4192117.92	4.00E-04	3.05E-04	2.97E-04	2.98E-04	2.97E-04	2.21E-04	1.34E-04	2.86E-04	2.38E-04	2.31E-04	2.31E-04	2.31E-04	1.54E-04	6.73E-05
516	560952.95	4192109.38	4.18E-04	3.19E-04	3.11E-04	3.12E-04	3.11E-04	2.31E-04	1.40E-04	2.99E-04	2.49E-04	2.41E-04	2.42E-04	2.41E-04	1.61E-04	7.04E-05
517	560965.9	4192100.85	4.36E-04	3.32E-04	3.24E-04	3.25E-04	3.24E-04	2.40E-04	1.46E-04	3.11E-04	2.59E-04	2.51E-04	2.52E-04	2.51E-04	1.68E-04	7.33E-05
518	560897.08	4192199.52	4.33E-04	3.30E-04	3.22E-04	3.23E-04	3.22E-04	2.39E-04	1.45E-04	3.09E-04	2.57E-04	2.50E-04	2.50E-04	2.50E-04	1.66E-04	7.28E-05
519	560893.78	4192215.51	4.47E-04	3.41E-04	3.33E-04	3.34E-04	3.33E-04	2.47E-04	1.50E-04	3.20E-04	2.66E-04	2.58E-04	2.59E-04	2.58E-04	1.72E-04	7.53E-05
520	560892.31	4192182.78	3.92E-04	2.99E-04	2.91E-04	2.92E-04	2.91E-04	2.16E-04	1.31E-04	2.80E-04	2.33E-04	2.26E-04	2.27E-04	2.26E-04	1.51E-04	6.59E-05
521	560899.05	4192169.33	3.87E-04	2.95E-04	2.88E-04	2.88E-04	2.88E-04	2.13E-04	1.29E-04	2.77E-04	2.30E-04	2.23E-04	2.24E-04	2.23E-04	1.49E-04	6.51E-05
522	560905.8	4192155.88	3.83E-04	2.92E-04	2.85E-04	2.86E-04	2.85E-04	2.11E-04	1.28E-04	2.74E-04	2.28E-04	2.21E-04	2.21E-04	2.21E-04	1.47E-04	6.45E-05
523	560912.55	4192142.44	3.76E-04	2.87E-04	2.80E-04	2.81E-04	2.80E-04	2.08E-04	1.26E-04	2.69E-04	2.24E-04	2.17E-04	2.18E-04	2.17E-04	1.45E-04	6.34E-05
524	560919.29	4192128.99	3.70E-04	2.82E-04	2.75E-04	2.76E-04	2.75E-04	2.04E-04	1.24E-04	2.64E-04	2.20E-04	2.13E-04	2.14E-04	2.13E-04	1.42E-04	6.23E-05

525	560932.32	4192111.41	3.68E-04	2.81E-04	2.74E-04	2.75E-04	2.74E-04	2.03E-04	1.23E-04	2.63E-04	2.19E-04	2.12E-04	2.13E-04	2.12E-04	1.42E-04	6.20E-05
526	560944.88	4192103.13	3.84E-04	2.93E-04	2.86E-04	2.87E-04	2.86E-04	2.12E-04	1.28E-04	2.75E-04	2.28E-04	2.22E-04	2.22E-04	2.22E-04	1.48E-04	6.47E-05
527	560957.45	4192094.85	4.00E-04	3.05E-04	2.98E-04	2.98E-04	2.98E-04	2.21E-04	1.34E-04	2.86E-04	2.38E-04	2.31E-04	2.31E-04	2.31E-04	1.54E-04	6.73E-05
528	560970.01	4192086.57	4.15E-04	3.17E-04	3.09E-04	3.09E-04	3.09E-04	2.29E-04	1.39E-04	2.97E-04	2.47E-04	2.39E-04	2.40E-04	2.39E-04	1.60E-04	6.98E-05
529	560887.28	4192197.5	4.00E-04	3.06E-04	2.98E-04	2.99E-04	2.98E-04	2.21E-04	1.34E-04	2.86E-04	2.38E-04	2.31E-04	2.32E-04	2.31E-04	1.54E-04	6.74E-05
530	560883.98	4192213.49	4.13E-04	3.15E-04	3.07E-04	3.08E-04	3.07E-04	2.28E-04	1.38E-04	2.95E-04	2.45E-04	2.38E-04	2.39E-04	2.38E-04	1.59E-04	6.95E-05
531	560882.72	4192180.34	3.64E-04	2.78E-04	2.71E-04	2.71E-04	2.71E-04	2.01E-04	1.22E-04	2.60E-04	2.16E-04	2.10E-04	2.10E-04	2.10E-04	1.40E-04	6.13E-05
532	560889.89	4192166.05	3.60E-04	2.75E-04	2.68E-04	2.68E-04	2.68E-04	1.99E-04	1.20E-04	2.57E-04	2.14E-04	2.08E-04	2.08E-04	2.08E-04	1.38E-04	6.06E-05
533	560897.06	4192151.76	3.55E-04	2.71E-04	2.64E-04	2.65E-04	2.64E-04	1.96E-04	1.19E-04	2.54E-04	2.11E-04	2.05E-04	2.05E-04	2.05E-04	1.36E-04	5.97E-05
534	560904.23	4192137.48	3.49E-04	2.66E-04	2.59E-04	2.60E-04	2.59E-04	1.92E-04	1.17E-04	2.49E-04	2.07E-04	2.01E-04	2.02E-04	2.01E-04	1.34E-04	5.87E-05
535	560911.4	4192123.19	3.42E-04	2.61E-04	2.54E-04	2.55E-04	2.54E-04	1.89E-04	1.14E-04	2.45E-04	2.03E-04	1.97E-04	1.98E-04	1.97E-04	1.32E-04	5.76E-05
536	560925.24	4192104.5	3.41E-04	2.60E-04	2.54E-04	2.54E-04	2.54E-04	1.88E-04	1.14E-04	2.44E-04	2.03E-04	1.97E-04	1.97E-04	1.97E-04	1.31E-04	5.74E-05
537	560938.59	4192095.71	3.56E-04	2.72E-04	2.65E-04	2.66E-04	2.65E-04	1.96E-04	1.19E-04	2.55E-04	2.12E-04	2.05E-04	2.06E-04	2.05E-04	1.37E-04	6.00E-05
538	560951.94	4192086.91	3.71E-04	2.83E-04	2.76E-04	2.77E-04	2.76E-04	2.05E-04	1.24E-04	2.66E-04	2.21E-04	2.14E-04	2.15E-04	2.14E-04	1.43E-04	6.25E-05
539	560965.28	4192078.12	3.86E-04	2.95E-04	2.87E-04	2.88E-04	2.87E-04	2.13E-04	1.29E-04	2.76E-04	2.30E-04	2.23E-04	2.23E-04	2.23E-04	1.48E-04	6.50E-05
540	560978.63	4192069.32	3.99E-04	3.05E-04	2.97E-04	2.98E-04	2.97E-04	2.20E-04	1.34E-04	2.86E-04	2.37E-04	2.30E-04	2.31E-04	2.30E-04	1.54E-04	6.72E-05
541	560877.49	4192195.47	3.71E-04	2.83E-04	2.76E-04	2.77E-04	2.76E-04	2.05E-04	1.24E-04	2.65E-04	2.21E-04	2.14E-04	2.15E-04	2.14E-04	1.43E-04	6.25E-05
542	560874.19	4192211.46	3.82E-04	2.91E-04	2.84E-04	2.85E-04	2.84E-04	2.11E-04	1.28E-04	2.73E-04	2.27E-04	2.20E-04	2.21E-04	2.20E-04	1.47E-04	6.43E-05
543	560872.82	4192178.53	3.39E-04	2.58E-04	2.52E-04	2.53E-04	2.52E-04	1.87E-04	1.13E-04	2.42E-04	2.01E-04	1.95E-04	1.96E-04	1.95E-04	1.30E-04	5.70E-05
544	560879.78	4192164.66	3.36E-04	2.56E-04	2.50E-04	2.50E-04	2.50E-04	1.85E-04	1.12E-04	2.40E-04	2.00E-04	1.94E-04	1.94E-04	1.94E-04	1.29E-04	5.65E-05
545	560886.74	4192150.79	3.31E-04	2.52E-04	2.46E-04	2.47E-04	2.46E-04	1.82E-04	1.11E-04	2.37E-04	1.97E-04	1.91E-04	1.91E-04	1.91E-04	1.27E-04	5.57E-05
546	560893.7	4192136.93	3.26E-04	2.48E-04	2.42E-04	2.43E-04	2.42E-04	1.80E-04	1.09E-04	2.33E-04	1.94E-04	1.88E-04	1.88E-04	1.88E-04	1.25E-04	5.48E-05
547	560900.66	4192123.06	3.20E-04	2.44E-04	2.38E-04	2.39E-04	2.38E-04	1.76E-04	1.07E-04	2.29E-04	1.90E-04	1.84E-04	1.85E-04	1.84E-04	1.23E-04	5.39E-05
548	560907.61	4192109.19	3.13E-04	2.39E-04	2.33E-04	2.34E-04	2.33E-04	1.73E-04	1.05E-04	2.24E-04	1.86E-04	1.81E-04	1.81E-04	1.81E-04	1.21E-04	5.28E-05
549	560917.57	4192097.99	3.16E-04	2.41E-04	2.35E-04	2.36E-04	2.35E-04	1.74E-04	1.06E-04	2.26E-04	1.88E-04	1.82E-04	1.83E-04	1.82E-04	1.21E-04	5.32E-05
550	560930.52	4192089.45	3.29E-04	2.51E-04	2.45E-04	2.45E-04	2.45E-04	1.82E-04	1.10E-04	2.35E-04	1.96E-04	1.90E-04	1.90E-04	1.90E-04	1.27E-04	5.54E-05
551	560943.48	4192080.92	3.43E-04	2.62E-04	2.55E-04	2.56E-04	2.55E-04	1.89E-04	1.15E-04	2.45E-04	2.04E-04	1.98E-04	1.98E-04	1.98E-04	1.32E-04	5.77E-05
552	560956.43	4192072.38	3.56E-04	2.72E-04	2.65E-04	2.66E-04	2.65E-04	1.96E-04	1.19E-04	2.55E-04	2.12E-04	2.05E-04	2.06E-04	2.05E-04	1.37E-04	6.00E-05
553	560969.39	4192063.84	3.69E-04	2.81E-04	2.74E-04	2.75E-04	2.74E-04	2.03E-04	1.23E-04	2.64E-04	2.19E-04	2.13E-04	2.13E-04	2.13E-04	1.42E-04	6.21E-05
554	560867.7	4192193.45	3.45E-04	2.63E-04	2.57E-04	2.57E-04	2.57E-04	1.90E-04	1.15E-04	2.47E-04	2.05E-04	1.99E-04	2.00E-04	1.99E-04	1.33E-04	5.81E-05
555	560864.4	4192209.44	3.54E-04	2.70E-04	2.63E-04	2.64E-04	2.63E-04	1.95E-04	1.18E-04	2.53E-04	2.11E-04	2.04E-04	2.05E-04	2.04E-04	1.36E-04	5.96E-05
556	560862.94	4192176.68	3.16E-04	2.41E-04	2.35E-04	2.36E-04	2.35E-04	1.74E-04	1.06E-04	2.26E-04	1.88E-04	1.82E-04	1.83E-04	1.82E-04	1.22E-04	5.32E-05
557	560869.72	4192163.17	3.12E-04	2.38E-04	2.32E-04	2.33E-04	2.32E-04	1.72E-04	1.04E-04	2.23E-04	1.86E-04	1.80E-04	1.81E-04	1.80E-04	1.20E-04	5.26E-05
558	560876.5	4192149.66	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	1.70E-04	1.03E-04	2.21E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.19E-04	5.19E-05
559	560883.28	4192136.15	3.04E-04	2.32E-04	2.26E-04	2.27E-04	2.26E-04	1.68E-04	1.02E-04	2.18E-04	1.81E-04	1.75E-04	1.76E-04	1.75E-04	1.17E-04	5.12E-05
560	560890.06	4192122.64	2.99E-04	2.29E-04	2.23E-04	2.23E-04	2.23E-04	1.65E-04	1.00E-04	2.14E-04	1.78E-04	1.73E-04	1.73E-04	1.73E-04	1.15E-04	5.04E-05
561	560896.84	4192109.13	2.94E-04	2.24E-04	2.18E-04	2.19E-04	2.18E-04	1.62E-04	9.82E-05	2.10E-04	1.75E-04	1.69E-04	1.70E-04	1.69E-04	1.13E-04	4.95E-05
562	560909.93	4192091.46	2.93E-04	2.24E-04	2.18E-04	2.19E-04	2.18E-04	1.62E-04	9.80E-05	2.10E-04	1.74E-04	1.69E-04	1.70E-04	1.69E-04	1.13E-04	4.93E-05
563	560922.55	4192083.14	3.05E-04	2.33E-04	2.27E-04	2.27E-04	2.27E-04	1.68E-04	1.02E-04	2.18E-04	1.81E-04	1.76E-04	1.76E-04	1.76E-04	1.17E-04	5.13E-05
564	560935.17	4192074.82	3.17E-04	2.42E-04	2.36E-04	2.36E-04	2.36E-04	1.75E-04	1.06E-04	2.27E-04	1.89E-04	1.83E-04	1.83E-04	1.83E-04	1.22E-04	5.34E-05
565	560947.8	4192066.5	3.29E-04	2.51E-04	2.45E-04	2.46E-04	2.45E-04	1.82E-04	1.10E-04	2.35E-04	1.96E-04	1.90E-04	1.90E-04	1.90E-04	1.27E-04	5.54E-05
566	560960.42	4192058.19	3.41E-04	2.60E-04	2.54E-04	2.54E-04	2.54E-04	1.88E-04	1.14E-04	2.44E-04	2.03E-04	1.97E-04	1.97E-04	1.97E-04	1.31E-04	5.74E-05
567	560973.04	4192049.87	3.52E-04	2.68E-04	2.62E-04	2.62E-04	2.62E-04	1.94E-04	1.18E-04	2.51E-04	2.09E-04	2.03E-04	2.03E-04	2.03E-04	1.35E-04	5.92E-05
568	560857.9	4192191.43	3.22E-04	2.46E-04	2.39E-04	2.40E-04	2.39E-04	1.78E-04	1.08E-04	2.30E-04	1.91E-04	1.86E-04	1.86E-04	1.86E-04	1.24E-04	5.42E-05
569	560854.6	4192207.42	3.30E-04	2.52E-04	2.45E-04	2.46E-04	2.45E-04	1.82E-04	1.10E-04	2.36E-04	1.96E-04	1.90E-04	1.91E-04	1.90E-04	1.27E-04	5.55E-05
570	560853.33	4192174.3	2.96E-04	2.26E-04	2.20E-04	2.21E-04	2.20E-04	1.63E-04	9.90E-05	2.12E-04	1.76E-04	1.71E-04	1.71E-04	1.71E-04	1.14E-04	4.98E-05
571	560860.46	4192160.08	2.92E-04	2.23E-04	2.17E-04	2.18E-04	2.17E-04	1.61E-04	9.77E-05	2.09E-04	1.74E-04	1.69E-04	1.69E-04	1.69E-04	1.12E-04	4.92E-05
572	560867.6	4192145.86	2.88E-04	2.20E-04	2.14E-04	2.15E-04	2.14E-04	1.59E-04	9.64E-05	2.06E-04	1.71E-04	1.66E-04	1.67E-04	1.66E-04	1.11E-04	4.85E-05

573	560874.74	4192131.64	2.83E-04	2.16E-04	2.11E-04	2.11E-04	2.11E-04	2.11E-04	1.56E-04	9.48E-05	2.03E-04	1.69E-04	1.63E-04	1.64E-04	1.63E-04	1.09E-04	4.77E-05
574	560881.87	4192117.42	2.79E-04	2.13E-04	2.07E-04	2.08E-04	2.07E-04	2.07E-04	1.54E-04	9.32E-05	1.99E-04	1.66E-04	1.61E-04	1.61E-04	1.61E-04	1.07E-04	4.69E-05
575	560889.01	4192103.19	2.73E-04	2.09E-04	2.03E-04	2.04E-04	2.03E-04	2.03E-04	1.51E-04	9.14E-05	1.95E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.05E-04	4.60E-05
576	560902.79	4192084.59	2.73E-04	2.08E-04	2.03E-04	2.04E-04	2.03E-04	2.03E-04	1.51E-04	9.14E-05	1.95E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.05E-04	4.60E-05
577	560916.07	4192075.84	2.84E-04	2.17E-04	2.12E-04	2.12E-04	2.12E-04	2.12E-04	1.57E-04	9.51E-05	2.03E-04	1.69E-04	1.64E-04	1.65E-04	1.64E-04	1.09E-04	4.79E-05
578	560929.36	4192067.08	2.96E-04	2.26E-04	2.20E-04	2.21E-04	2.20E-04	2.20E-04	1.63E-04	9.90E-05	2.12E-04	1.76E-04	1.71E-04	1.71E-04	1.71E-04	1.14E-04	4.99E-05
579	560942.65	4192058.33	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.18E-04	5.19E-05
580	560955.94	4192049.57	3.20E-04	2.44E-04	2.38E-04	2.38E-04	2.38E-04	2.38E-04	1.76E-04	1.07E-04	2.28E-04	1.90E-04	1.84E-04	1.85E-04	1.84E-04	1.23E-04	5.38E-05
581	560969.22	4192040.82	3.30E-04	2.52E-04	2.46E-04	2.46E-04	2.46E-04	2.46E-04	1.82E-04	1.10E-04	2.36E-04	1.96E-04	1.90E-04	1.91E-04	1.90E-04	1.27E-04	5.56E-05
582	560848.11	4192189.41	3.01E-04	2.30E-04	2.24E-04	2.25E-04	2.24E-04	2.24E-04	1.66E-04	1.01E-04	2.15E-04	1.79E-04	1.74E-04	1.74E-04	1.74E-04	1.16E-04	5.07E-05
583	560844.81	4192205.4	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.18E-04	5.19E-05
584	560843.44	4192172.46	2.78E-04	2.12E-04	2.07E-04	2.07E-04	2.07E-04	2.07E-04	1.53E-04	9.29E-05	1.99E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.07E-04	4.68E-05
585	560850.4	4192158.59	2.75E-04	2.10E-04	2.04E-04	2.05E-04	2.04E-04	2.04E-04	1.52E-04	9.18E-05	1.96E-04	1.63E-04	1.58E-04	1.59E-04	1.58E-04	1.06E-04	4.62E-05
586	560857.36	4192144.73	2.71E-04	2.07E-04	2.02E-04	2.02E-04	2.02E-04	2.02E-04	1.50E-04	9.07E-05	1.94E-04	1.61E-04	1.56E-04	1.57E-04	1.56E-04	1.04E-04	4.56E-05
587	560864.32	4192130.86	2.67E-04	2.04E-04	1.98E-04	1.99E-04	1.98E-04	1.98E-04	1.47E-04	8.92E-05	1.91E-04	1.59E-04	1.54E-04	1.54E-04	1.54E-04	1.03E-04	4.49E-05
588	560871.27	4192116.99	2.62E-04	2.00E-04	1.95E-04	1.95E-04	1.95E-04	1.95E-04	1.45E-04	8.76E-05	1.87E-04	1.56E-04	1.51E-04	1.52E-04	1.51E-04	1.01E-04	4.41E-05
589	560878.23	4192103.13	2.57E-04	1.96E-04	1.91E-04	1.92E-04	1.91E-04	1.91E-04	1.42E-04	8.60E-05	1.84E-04	1.53E-04	1.48E-04	1.49E-04	1.48E-04	9.89E-05	4.33E-05
590	560885.19	4192089.26	2.52E-04	1.93E-04	1.88E-04	1.88E-04	1.88E-04	1.88E-04	1.39E-04	8.44E-05	1.80E-04	1.50E-04	1.46E-04	1.46E-04	1.46E-04	9.71E-05	4.25E-05
591	560895.15	4192078.06	2.55E-04	1.94E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.41E-04	8.52E-05	1.82E-04	1.52E-04	1.47E-04	1.47E-04	1.47E-04	9.80E-05	4.29E-05
592	560908.1	4192069.52	2.65E-04	2.02E-04	1.97E-04	1.97E-04	1.97E-04	1.97E-04	1.46E-04	8.85E-05	1.89E-04	1.57E-04	1.53E-04	1.53E-04	1.53E-04	1.02E-04	4.46E-05
593	560921.06	4192060.99	2.75E-04	2.10E-04	2.05E-04	2.05E-04	2.05E-04	2.05E-04	1.52E-04	9.20E-05	1.97E-04	1.64E-04	1.59E-04	1.59E-04	1.59E-04	1.06E-04	4.63E-05
594	560934.01	4192052.45	2.86E-04	2.18E-04	2.13E-04	2.13E-04	2.13E-04	2.13E-04	1.58E-04	9.56E-05	2.04E-04	1.70E-04	1.65E-04	1.65E-04	1.65E-04	1.10E-04	4.81E-05
595	560946.97	4192043.91	2.97E-04	2.26E-04	2.21E-04	2.21E-04	2.21E-04	2.21E-04	1.64E-04	9.92E-05	2.12E-04	1.76E-04	1.71E-04	1.72E-04	1.71E-04	1.14E-04	4.99E-05
596	560959.92	4192035.38	3.07E-04	2.34E-04	2.28E-04	2.29E-04	2.28E-04	2.28E-04	1.69E-04	1.03E-04	2.19E-04	1.82E-04	1.77E-04	1.77E-04	1.77E-04	1.18E-04	5.16E-05
597	560838.31	4192187.39	2.82E-04	2.15E-04	2.10E-04	2.11E-04	2.10E-04	2.10E-04	1.56E-04	9.44E-05	2.02E-04	1.68E-04	1.63E-04	1.63E-04	1.63E-04	1.09E-04	4.75E-05
598	560835.01	4192203.38	2.88E-04	2.20E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	1.59E-04	9.65E-05	2.06E-04	1.72E-04	1.66E-04	1.67E-04	1.66E-04	1.11E-04	4.86E-05
599	560833.82	4192170.11	2.61E-04	2.00E-04	1.95E-04	1.95E-04	1.95E-04	1.95E-04	1.44E-04	8.74E-05	1.87E-04	1.55E-04	1.51E-04	1.51E-04	1.51E-04	1.01E-04	4.40E-05
600	560841.1	4192155.58	2.59E-04	1.97E-04	1.92E-04	1.93E-04	1.92E-04	1.92E-04	1.43E-04	8.65E-05	1.85E-04	1.54E-04	1.49E-04	1.50E-04	1.49E-04	9.94E-05	4.35E-05
601	560848.39	4192141.06	2.55E-04	1.95E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.41E-04	8.52E-05	1.82E-04	1.52E-04	1.47E-04	1.47E-04	1.47E-04	9.80E-05	4.29E-05
602	560855.68	4192126.53	2.50E-04	1.91E-04	1.86E-04	1.87E-04	1.86E-04	1.86E-04	1.38E-04	8.38E-05	1.79E-04	1.49E-04	1.44E-04	1.45E-04	1.44E-04	9.63E-05	4.22E-05
603	560862.97	4192112	2.46E-04	1.88E-04	1.83E-04	1.84E-04	1.83E-04	1.83E-04	1.36E-04	8.23E-05	1.76E-04	1.46E-04	1.42E-04	1.42E-04	1.42E-04	9.47E-05	4.14E-05
604	560870.26	4192097.48	2.41E-04	1.84E-04	1.79E-04	1.80E-04	1.79E-04	1.79E-04	1.33E-04	8.07E-05	1.72E-04	1.43E-04	1.39E-04	1.40E-04	1.39E-04	9.28E-05	4.06E-05
605	560877.55	4192082.95	2.36E-04	1.80E-04	1.76E-04	1.76E-04	1.76E-04	1.76E-04	1.30E-04	7.90E-05	1.69E-04	1.41E-04	1.36E-04	1.37E-04	1.36E-04	9.09E-05	3.98E-05
606	560887.98	4192071.21	2.39E-04	1.82E-04	1.77E-04	1.78E-04	1.77E-04	1.77E-04	1.32E-04	7.98E-05	1.71E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	9.17E-05	4.02E-05
607	560901.55	4192062.27	2.48E-04	1.89E-04	1.84E-04	1.85E-04	1.84E-04	1.84E-04	1.37E-04	8.29E-05	1.77E-04	1.47E-04	1.43E-04	1.43E-04	1.43E-04	9.54E-05	4.18E-05
608	560915.12	4192053.33	2.58E-04	1.97E-04	1.92E-04	1.92E-04	1.92E-04	1.92E-04	1.42E-04	8.63E-05	1.84E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	9.92E-05	4.34E-05
609	560928.7	4192044.38	2.68E-04	2.05E-04	2.00E-04	2.00E-04	2.00E-04	2.00E-04	1.48E-04	8.98E-05	1.92E-04	1.60E-04	1.55E-04	1.55E-04	1.55E-04	1.03E-04	4.52E-05
610	560942.27	4192035.44	2.79E-04	2.13E-04	2.07E-04	2.08E-04	2.07E-04	2.07E-04	1.54E-04	9.33E-05	1.99E-04	1.66E-04	1.61E-04	1.61E-04	1.61E-04	1.07E-04	4.70E-05
611	560955.84	4192026.5	2.89E-04	2.20E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	1.59E-04	9.66E-05	2.06E-04	1.72E-04	1.67E-04	1.67E-04	1.67E-04	1.11E-04	4.86E-05
612	560828.52	4192185.37	2.65E-04	2.03E-04	1.97E-04	1.98E-04	1.97E-04	1.97E-04	1.46E-04	8.87E-05	1.90E-04	1.58E-04	1.53E-04	1.54E-04	1.53E-04	1.02E-04	4.47E-05
613	560825.22	4192201.36	2.71E-04	2.07E-04	2.01E-04	2.02E-04	2.01E-04	2.01E-04	1.49E-04	9.06E-05	1.94E-04	1.61E-04	1.56E-04	1.57E-04	1.56E-04	1.04E-04	4.56E-05
614	560823.93	4192168.27	2.47E-04	1.88E-04	1.83E-04	1.84E-04	1.83E-04	1.83E-04	1.36E-04	8.25E-05	1.76E-04	1.47E-04	1.42E-04	1.43E-04	1.42E-04	9.49E-05	4.15E-05
615	560831.05	4192154.09	2.45E-04	1.87E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.35E-04	8.18E-05	1.75E-04	1.45E-04	1.41E-04	1.42E-04	1.41E-04	9.41E-05	4.12E-05
616	560838.16	4192139.92	2.41E-04	1.84E-04	1.79E-04	1.80E-04	1.79E-04	1.79E-04	1.33E-04	8.07E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.28E-05	4.06E-05
617	560845.27	4192125.74	2.37E-04	1.81E-04	1.76E-04	1.77E-04	1.76E-04	1.76E-04	1.31E-04	7.92E-05	1.69E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	9.11E-05	3.99E-05
618	560852.38	4192111.57	2.33E-04	1.78E-04	1.74E-04	1.74E-04	1.74E-04	1.74E-04	1.29E-04	7.80E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	8.97E-05	3.93E-05
619	560859.5	4192097.39	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.70E-04	1.26E-04	7.66E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.81E-05	3.86E-05
620	560866.61	4192083.22	2.24E-04	1.71E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.24E-04	7.50E-05	1.60E-04	1.33E-04	1.29E-04	1.30E-04	1.29E-04	8.62E-05	3.78E-05

621	560880.34	4192064.68	2.24E-04	1.71E-04	1.66E-04	1.67E-04	1.66E-04	1.23E-04	7.48E-05	1.60E-04	1.33E-04	1.29E-04	1.29E-04	1.29E-04	8.60E-05	3.76E-05
622	560893.59	4192055.95	2.32E-04	1.77E-04	1.73E-04	1.73E-04	1.73E-04	1.28E-04	7.76E-05	1.66E-04	1.38E-04	1.34E-04	1.34E-04	1.34E-04	8.92E-05	3.91E-05
623	560906.83	4192047.23	2.41E-04	1.84E-04	1.79E-04	1.80E-04	1.79E-04	1.33E-04	8.05E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.26E-05	4.05E-05
624	560920.07	4192038.5	2.50E-04	1.91E-04	1.86E-04	1.87E-04	1.86E-04	1.38E-04	8.36E-05	1.79E-04	1.49E-04	1.44E-04	1.45E-04	1.44E-04	9.62E-05	4.21E-05
625	560933.31	4192029.77	2.60E-04	1.98E-04	1.93E-04	1.94E-04	1.93E-04	1.43E-04	8.68E-05	1.86E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	9.98E-05	4.37E-05
626	560946.56	4192021.05	2.69E-04	2.05E-04	2.00E-04	2.01E-04	2.00E-04	1.48E-04	8.99E-05	1.92E-04	1.60E-04	1.55E-04	1.56E-04	1.55E-04	1.03E-04	4.53E-05
627	560959.8	4192012.32	2.78E-04	2.12E-04	2.06E-04	2.07E-04	2.06E-04	1.53E-04	9.28E-05	1.98E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.07E-04	4.67E-05
628	560818.73	4192183.35	2.50E-04	1.91E-04	1.86E-04	1.87E-04	1.86E-04	1.38E-04	8.36E-05	1.79E-04	1.49E-04	1.44E-04	1.45E-04	1.44E-04	9.62E-05	4.21E-05
629	560815.43	4192199.34	2.55E-04	1.95E-04	1.90E-04	1.90E-04	1.90E-04	1.41E-04	8.52E-05	1.82E-04	1.52E-04	1.47E-04	1.47E-04	1.47E-04	9.80E-05	4.29E-05
630	560814.06	4192166.4	2.33E-04	1.78E-04	1.73E-04	1.74E-04	1.73E-04	1.29E-04	7.80E-05	1.67E-04	1.39E-04	1.34E-04	1.35E-04	1.34E-04	8.97E-05	3.93E-05
631	560821.02	4192152.53	2.32E-04	1.77E-04	1.72E-04	1.73E-04	1.72E-04	1.28E-04	7.74E-05	1.66E-04	1.38E-04	1.34E-04	1.34E-04	1.34E-04	8.91E-05	3.90E-05
632	560827.98	4192138.66	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.26E-04	7.65E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.80E-05	3.85E-05
633	560834.94	4192124.8	2.25E-04	1.72E-04	1.67E-04	1.68E-04	1.67E-04	1.24E-04	7.53E-05	1.61E-04	1.34E-04	1.30E-04	1.30E-04	1.30E-04	8.66E-05	3.79E-05
634	560841.89	4192110.93	2.21E-04	1.69E-04	1.65E-04	1.65E-04	1.65E-04	1.22E-04	7.40E-05	1.58E-04	1.32E-04	1.28E-04	1.28E-04	1.28E-04	8.52E-05	3.73E-05
635	560848.85	4192097.06	2.17E-04	1.66E-04	1.62E-04	1.62E-04	1.62E-04	1.20E-04	7.27E-05	1.55E-04	1.29E-04	1.25E-04	1.26E-04	1.25E-04	8.36E-05	3.66E-05
636	560855.81	4192083.2	2.13E-04	1.63E-04	1.59E-04	1.59E-04	1.59E-04	1.18E-04	7.13E-05	1.52E-04	1.27E-04	1.23E-04	1.23E-04	1.23E-04	8.20E-05	3.59E-05
637	560862.77	4192069.33	2.09E-04	1.59E-04	1.55E-04	1.56E-04	1.55E-04	1.15E-04	6.99E-05	1.49E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.04E-05	3.52E-05
638	560872.72	4192058.13	2.10E-04	1.61E-04	1.57E-04	1.57E-04	1.57E-04	1.16E-04	7.04E-05	1.50E-04	1.25E-04	1.21E-04	1.22E-04	1.21E-04	8.09E-05	3.54E-05
639	560885.68	4192049.59	2.18E-04	1.66E-04	1.62E-04	1.62E-04	1.62E-04	1.20E-04	7.29E-05	1.56E-04	1.30E-04	1.26E-04	1.26E-04	1.26E-04	8.38E-05	3.67E-05
640	560898.63	4192041.06	2.25E-04	1.72E-04	1.68E-04	1.68E-04	1.68E-04	1.24E-04	7.54E-05	1.61E-04	1.34E-04	1.30E-04	1.30E-04	1.30E-04	8.67E-05	3.79E-05
641	560911.59	4192032.52	2.33E-04	1.78E-04	1.74E-04	1.74E-04	1.74E-04	1.29E-04	7.81E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	8.98E-05	3.93E-05
642	560924.54	4192023.98	2.42E-04	1.85E-04	1.80E-04	1.81E-04	1.80E-04	1.34E-04	8.10E-05	1.73E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	9.32E-05	4.08E-05
643	560937.5	4192015.45	2.51E-04	1.91E-04	1.87E-04	1.87E-04	1.87E-04	1.38E-04	8.39E-05	1.79E-04	1.49E-04	1.45E-04	1.45E-04	1.45E-04	9.65E-05	4.22E-05
644	560950.45	4192006.91	2.59E-04	1.98E-04	1.93E-04	1.93E-04	1.93E-04	1.43E-04	8.67E-05	1.85E-04	1.54E-04	1.49E-04	1.50E-04	1.49E-04	9.97E-05	4.36E-05
645	560808.93	4192181.33	2.36E-04	1.80E-04	1.76E-04	1.76E-04	1.76E-04	1.30E-04	7.90E-05	1.69E-04	1.40E-04	1.36E-04	1.37E-04	1.36E-04	9.08E-05	3.98E-05
646	560805.63	4192197.32	2.40E-04	1.83E-04	1.79E-04	1.79E-04	1.79E-04	1.33E-04	8.04E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.25E-05	4.05E-05
647	560804.41	4192164.09	2.21E-04	1.68E-04	1.64E-04	1.65E-04	1.64E-04	1.22E-04	7.38E-05	1.58E-04	1.31E-04	1.27E-04	1.28E-04	1.27E-04	8.49E-05	3.72E-05
648	560811.66	4192149.64	2.19E-04	1.67E-04	1.63E-04	1.64E-04	1.63E-04	1.21E-04	7.33E-05	1.57E-04	1.30E-04	1.26E-04	1.27E-04	1.26E-04	8.43E-05	3.69E-05
649	560818.91	4192135.2	2.17E-04	1.65E-04	1.61E-04	1.62E-04	1.61E-04	1.19E-04	7.24E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.33E-05	3.65E-05
650	560826.16	4192120.75	2.13E-04	1.63E-04	1.59E-04	1.59E-04	1.59E-04	1.18E-04	7.13E-05	1.52E-04	1.27E-04	1.23E-04	1.23E-04	1.23E-04	8.20E-05	3.59E-05
651	560833.41	4192106.31	2.09E-04	1.60E-04	1.56E-04	1.56E-04	1.56E-04	1.15E-04	7.00E-05	1.50E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.04E-05	3.52E-05
652	560840.65	4192091.87	2.05E-04	1.56E-04	1.53E-04	1.53E-04	1.53E-04	1.13E-04	6.86E-05	1.47E-04	1.22E-04	1.18E-04	1.19E-04	1.18E-04	7.89E-05	3.45E-05
653	560847.9	4192077.42	2.01E-04	1.53E-04	1.49E-04	1.50E-04	1.49E-04	1.11E-04	6.72E-05	1.44E-04	1.20E-04	1.16E-04	1.16E-04	1.16E-04	7.73E-05	3.38E-05
654	560855.15	4192062.98	1.97E-04	1.50E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.59E-05	1.41E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	7.58E-05	3.32E-05
655	560865.52	4192051.31	1.99E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	1.10E-04	6.64E-05	1.42E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	7.64E-05	3.34E-05
656	560879.01	4192042.42	2.06E-04	1.57E-04	1.53E-04	1.53E-04	1.53E-04	1.13E-04	6.87E-05	1.47E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	7.90E-05	3.46E-05
657	560892.51	4192033.52	2.13E-04	1.62E-04	1.58E-04	1.59E-04	1.58E-04	1.17E-04	7.12E-05	1.52E-04	1.27E-04	1.23E-04	1.23E-04	1.23E-04	8.19E-05	3.58E-05
658	560906	4192024.63	2.20E-04	1.68E-04	1.64E-04	1.64E-04	1.64E-04	1.21E-04	7.36E-05	1.57E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.47E-05	3.71E-05
659	560919.5	4192015.74	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.26E-04	7.65E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.79E-05	3.85E-05
660	560932.99	4192006.85	2.37E-04	1.81E-04	1.76E-04	1.77E-04	1.76E-04	1.31E-04	7.93E-05	1.70E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	9.12E-05	3.99E-05
661	560946.49	4191997.96	2.45E-04	1.87E-04	1.82E-04	1.83E-04	1.82E-04	1.35E-04	8.20E-05	1.75E-04	1.46E-04	1.41E-04	1.42E-04	1.41E-04	9.43E-05	4.13E-05
662	560799.14	4192179.31	2.23E-04	1.71E-04	1.66E-04	1.67E-04	1.66E-04	1.23E-04	7.47E-05	1.60E-04	1.33E-04	1.29E-04	1.29E-04	1.29E-04	8.59E-05	3.76E-05
663	560795.84	4192195.3	2.27E-04	1.73E-04	1.69E-04	1.69E-04	1.69E-04	1.25E-04	7.60E-05	1.62E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	8.74E-05	3.82E-05
664	560794.54	4192162.22	2.09E-04	1.60E-04	1.56E-04	1.56E-04	1.56E-04	1.16E-04	7.00E-05	1.50E-04	1.25E-04	1.21E-04	1.21E-04	1.21E-04	8.05E-05	3.53E-05
665	560801.64	4192148.08	2.08E-04	1.59E-04	1.55E-04	1.55E-04	1.55E-04	1.15E-04	6.96E-05	1.49E-04	1.24E-04	1.20E-04	1.20E-04	1.20E-04	8.01E-05	3.50E-05
666	560808.73	4192133.94	2.06E-04	1.57E-04	1.53E-04	1.54E-04	1.53E-04	1.14E-04	6.88E-05	1.47E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	7.92E-05	3.47E-05
667	560815.83	4192119.8	2.03E-04	1.55E-04	1.51E-04	1.51E-04	1.51E-04	1.12E-04	6.78E-05	1.45E-04	1.21E-04	1.17E-04	1.17E-04	1.17E-04	7.80E-05	3.41E-05
668	560822.92	4192105.67	1.99E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	1.10E-04	6.66E-05	1.42E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	7.66E-05	3.35E-05

669	560830.02	4192091.53	1.95E-04	1.49E-04	1.45E-04	1.46E-04	1.45E-04	1.08E-04	6.53E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.51E-05	3.29E-05
670	560837.11	4192077.39	1.91E-04	1.46E-04	1.42E-04	1.43E-04	1.42E-04	1.06E-04	6.40E-05	1.37E-04	1.14E-04	1.10E-04	1.11E-04	1.10E-04	7.36E-05	3.22E-05
671	560844.2	4192063.25	1.88E-04	1.43E-04	1.40E-04	1.40E-04	1.40E-04	1.03E-04	6.27E-05	1.34E-04	1.12E-04	1.08E-04	1.09E-04	1.08E-04	7.22E-05	3.16E-05
672	560857.9	4192044.76	1.87E-04	1.43E-04	1.39E-04	1.40E-04	1.39E-04	1.03E-04	6.25E-05	1.34E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.19E-05	3.15E-05
673	560871.11	4192036.06	1.93E-04	1.47E-04	1.44E-04	1.44E-04	1.44E-04	1.07E-04	6.46E-05	1.38E-04	1.15E-04	1.11E-04	1.12E-04	1.11E-04	7.43E-05	3.25E-05
674	560884.32	4192027.35	2.00E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	1.10E-04	6.69E-05	1.43E-04	1.19E-04	1.15E-04	1.16E-04	1.15E-04	7.69E-05	3.37E-05
675	560897.53	4192018.65	2.07E-04	1.58E-04	1.54E-04	1.54E-04	1.54E-04	1.14E-04	6.91E-05	1.48E-04	1.23E-04	1.19E-04	1.20E-04	1.19E-04	7.95E-05	3.48E-05
676	560910.74	4192009.94	2.14E-04	1.63E-04	1.59E-04	1.60E-04	1.59E-04	1.18E-04	7.16E-05	1.53E-04	1.27E-04	1.23E-04	1.24E-04	1.23E-04	8.23E-05	3.60E-05
677	560923.95	4192001.24	2.22E-04	1.69E-04	1.65E-04	1.65E-04	1.65E-04	1.22E-04	7.42E-05	1.59E-04	1.32E-04	1.28E-04	1.28E-04	1.28E-04	8.53E-05	3.74E-05
678	560937.16	4191992.54	2.30E-04	1.75E-04	1.71E-04	1.71E-04	1.71E-04	1.27E-04	7.68E-05	1.64E-04	1.36E-04	1.32E-04	1.33E-04	1.32E-04	8.83E-05	3.86E-05
679	560950.36	4191983.83	2.37E-04	1.81E-04	1.76E-04	1.77E-04	1.76E-04	1.31E-04	7.92E-05	1.69E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	9.11E-05	3.99E-05
680	560789.35	4192177.28	2.12E-04	1.62E-04	1.58E-04	1.58E-04	1.58E-04	1.17E-04	7.08E-05	1.51E-04	1.26E-04	1.22E-04	1.22E-04	1.22E-04	8.14E-05	3.57E-05
681	560786.05	4192193.27	2.15E-04	1.64E-04	1.60E-04	1.60E-04	1.60E-04	1.19E-04	7.19E-05	1.54E-04	1.28E-04	1.24E-04	1.24E-04	1.24E-04	8.27E-05	3.62E-05
682	560784.68	4192160.33	1.99E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	1.10E-04	6.65E-05	1.42E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	7.65E-05	3.35E-05
683	560791.64	4192146.47	1.98E-04	1.51E-04	1.47E-04	1.48E-04	1.47E-04	1.09E-04	6.62E-05	1.42E-04	1.18E-04	1.14E-04	1.15E-04	1.14E-04	7.61E-05	3.33E-05
684	560798.6	4192132.6	1.96E-04	1.50E-04	1.46E-04	1.46E-04	1.46E-04	1.08E-04	6.55E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.53E-05	3.30E-05
685	560805.56	4192118.73	1.93E-04	1.47E-04	1.44E-04	1.44E-04	1.44E-04	1.07E-04	6.46E-05	1.38E-04	1.15E-04	1.11E-04	1.12E-04	1.11E-04	7.43E-05	3.25E-05
686	560812.51	4192104.87	1.90E-04	1.45E-04	1.41E-04	1.42E-04	1.41E-04	1.05E-04	6.35E-05	1.36E-04	1.13E-04	1.09E-04	1.10E-04	1.09E-04	7.30E-05	3.19E-05
687	560819.47	4192091	1.86E-04	1.42E-04	1.38E-04	1.39E-04	1.38E-04	1.03E-04	6.22E-05	1.33E-04	1.11E-04	1.07E-04	1.08E-04	1.07E-04	7.16E-05	3.13E-05
688	560826.43	4192077.13	1.82E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.10E-05	1.30E-04	1.09E-04	1.05E-04	1.06E-04	1.05E-04	7.02E-05	3.07E-05
689	560833.39	4192063.27	1.79E-04	1.37E-04	1.33E-04	1.33E-04	1.33E-04	9.87E-05	5.98E-05	1.28E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.88E-05	3.01E-05
690	560840.35	4192049.4	1.76E-04	1.34E-04	1.31E-04	1.31E-04	1.31E-04	9.69E-05	5.87E-05	1.26E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	6.75E-05	2.96E-05
691	560850.3	4192038.2	1.77E-04	1.35E-04	1.31E-04	1.32E-04	1.31E-04	9.74E-05	5.90E-05	1.26E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.79E-05	2.97E-05
692	560863.26	4192029.66	1.82E-04	1.39E-04	1.35E-04	1.36E-04	1.35E-04	1.00E-04	6.09E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.00E-05	3.06E-05
693	560876.21	4192021.13	1.88E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	1.04E-04	6.29E-05	1.34E-04	1.12E-04	1.08E-04	1.09E-04	1.08E-04	7.23E-05	3.17E-05
694	560889.17	4192012.59	1.95E-04	1.49E-04	1.45E-04	1.45E-04	1.45E-04	1.07E-04	6.51E-05	1.39E-04	1.16E-04	1.12E-04	1.13E-04	1.12E-04	7.49E-05	3.28E-05
695	560902.12	4192004.05	2.01E-04	1.53E-04	1.49E-04	1.50E-04	1.49E-04	1.11E-04	6.71E-05	1.44E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	7.72E-05	3.38E-05
696	560915.08	4191995.52	2.08E-04	1.59E-04	1.55E-04	1.55E-04	1.55E-04	1.15E-04	6.95E-05	1.49E-04	1.24E-04	1.20E-04	1.20E-04	1.20E-04	8.00E-05	3.50E-05
697	560928.03	4191986.98	2.15E-04	1.64E-04	1.60E-04	1.60E-04	1.60E-04	1.19E-04	7.19E-05	1.54E-04	1.28E-04	1.24E-04	1.24E-04	1.24E-04	8.27E-05	3.62E-05
698	560940.98	4191978.44	2.22E-04	1.69E-04	1.65E-04	1.66E-04	1.65E-04	1.22E-04	7.42E-05	1.59E-04	1.32E-04	1.28E-04	1.28E-04	1.28E-04	8.54E-05	3.74E-05
699	560779.55	4192175.26	2.01E-04	1.53E-04	1.50E-04	1.50E-04	1.50E-04	1.11E-04	6.72E-05	1.44E-04	1.20E-04	1.16E-04	1.16E-04	1.16E-04	7.73E-05	3.39E-05
700	560776.25	4192191.25	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.12E-04	6.82E-05	1.46E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	7.84E-05	3.43E-05
701	560775.02	4192158.06	1.89E-04	1.45E-04	1.41E-04	1.41E-04	1.41E-04	1.04E-04	6.33E-05	1.35E-04	1.13E-04	1.09E-04	1.10E-04	1.09E-04	7.28E-05	3.19E-05
702	560782.23	4192143.68	1.88E-04	1.44E-04	1.40E-04	1.41E-04	1.40E-04	1.04E-04	6.30E-05	1.35E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	7.25E-05	3.17E-05
703	560789.45	4192129.3	1.86E-04	1.42E-04	1.39E-04	1.39E-04	1.39E-04	1.03E-04	6.23E-05	1.33E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.17E-05	3.14E-05
704	560796.66	4192114.92	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.01E-04	6.14E-05	1.31E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.06E-05	3.09E-05
705	560803.88	4192100.54	1.80E-04	1.38E-04	1.34E-04	1.35E-04	1.34E-04	9.95E-05	6.03E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.94E-05	3.04E-05
706	560811.09	4192086.16	1.77E-04	1.35E-04	1.31E-04	1.32E-04	1.31E-04	9.75E-05	5.91E-05	1.26E-04	1.05E-04	1.02E-04	1.02E-04	1.02E-04	6.80E-05	2.98E-05
707	560818.31	4192071.78	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.55E-05	5.79E-05	1.24E-04	1.03E-04	9.98E-05	1.00E-04	9.98E-05	6.66E-05	2.91E-05
708	560825.53	4192057.39	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.35E-05	5.67E-05	1.21E-04	1.01E-04	9.78E-05	9.80E-05	9.78E-05	6.52E-05	2.85E-05
709	560832.74	4192043.01	1.66E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.17E-05	5.56E-05	1.19E-04	9.88E-05	9.59E-05	9.61E-05	9.59E-05	6.39E-05	2.80E-05
710	560843.07	4192031.4	1.67E-04	1.27E-04	1.24E-04	1.25E-04	1.24E-04	9.21E-05	5.58E-05	1.19E-04	9.93E-05	9.63E-05	9.66E-05	9.63E-05	6.42E-05	2.81E-05
711	560856.5	4192022.55	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.50E-05	5.76E-05	1.23E-04	1.02E-04	9.93E-05	9.96E-05	9.93E-05	6.62E-05	2.90E-05
712	560869.94	4192013.69	1.78E-04	1.36E-04	1.32E-04	1.33E-04	1.32E-04	9.82E-05	5.95E-05	1.27E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.84E-05	3.00E-05
713	560883.37	4192004.84	1.84E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	1.02E-04	6.16E-05	1.32E-04	1.10E-04	1.06E-04	1.07E-04	1.06E-04	7.09E-05	3.10E-05
714	560896.81	4191995.99	1.91E-04	1.45E-04	1.42E-04	1.42E-04	1.42E-04	1.05E-04	6.37E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.33E-05	3.21E-05
715	560910.24	4191987.13	1.97E-04	1.51E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.60E-05	1.41E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	7.58E-05	3.32E-05
716	560923.67	4191978.28	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.13E-04	6.83E-05	1.46E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	7.86E-05	3.44E-05

717	560937.11	4191969.43	2.11E-04	1.61E-04	1.57E-04	1.57E-04	1.57E-04	1.16E-04	7.06E-05	1.51E-04	1.26E-04	1.22E-04	1.22E-04	1.22E-04	8.12E-05	3.55E-05
718	560769.76	4192173.24	1.91E-04	1.46E-04	1.42E-04	1.43E-04	1.42E-04	1.05E-04	6.39E-05	1.37E-04	1.14E-04	1.10E-04	1.11E-04	1.10E-04	7.35E-05	3.22E-05
719	560766.46	4192189.23	1.94E-04	1.48E-04	1.44E-04	1.44E-04	1.44E-04	1.07E-04	6.47E-05	1.38E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	7.45E-05	3.26E-05
720	560765.16	4192156.17	1.80E-04	1.38E-04	1.34E-04	1.35E-04	1.34E-04	9.96E-05	6.04E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.94E-05	3.04E-05
721	560772.24	4192142.06	1.80E-04	1.37E-04	1.34E-04	1.34E-04	1.34E-04	9.91E-05	6.01E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.91E-05	3.03E-05
722	560779.32	4192127.95	1.78E-04	1.36E-04	1.32E-04	1.33E-04	1.32E-04	9.82E-05	5.95E-05	1.27E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.85E-05	3.00E-05
723	560786.4	4192113.84	1.75E-04	1.34E-04	1.31E-04	1.31E-04	1.31E-04	9.68E-05	5.87E-05	1.26E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	6.75E-05	2.96E-05
724	560793.48	4192099.73	1.72E-04	1.32E-04	1.28E-04	1.29E-04	1.28E-04	9.51E-05	5.77E-05	1.23E-04	1.03E-04	9.95E-05	9.98E-05	9.95E-05	6.63E-05	2.90E-05
725	560800.56	4192085.62	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.33E-05	5.66E-05	1.21E-04	1.01E-04	9.76E-05	9.78E-05	9.76E-05	6.50E-05	2.85E-05
726	560807.64	4192071.51	1.66E-04	1.26E-04	1.23E-04	1.24E-04	1.23E-04	9.14E-05	5.54E-05	1.18E-04	9.85E-05	9.55E-05	9.58E-05	9.55E-05	6.37E-05	2.79E-05
727	560814.72	4192057.4	1.62E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.95E-05	5.42E-05	1.16E-04	9.65E-05	9.36E-05	9.38E-05	9.36E-05	6.24E-05	2.73E-05
728	560821.8	4192043.29	1.59E-04	1.21E-04	1.18E-04	1.19E-04	1.18E-04	8.77E-05	5.32E-05	1.14E-04	9.45E-05	9.17E-05	9.20E-05	9.17E-05	6.11E-05	2.68E-05
729	560835.47	4192024.84	1.58E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.72E-05	5.29E-05	1.13E-04	9.40E-05	9.12E-05	9.14E-05	9.12E-05	6.08E-05	2.66E-05
730	560848.65	4192016.15	1.63E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.97E-05	5.44E-05	1.16E-04	9.67E-05	9.38E-05	9.41E-05	9.38E-05	6.26E-05	2.74E-05
731	560861.83	4192007.47	1.68E-04	1.28E-04	1.25E-04	1.25E-04	1.25E-04	9.26E-05	5.61E-05	1.20E-04	9.98E-05	9.68E-05	9.71E-05	9.68E-05	6.46E-05	2.83E-05
732	560875.01	4191998.78	1.74E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.58E-05	5.80E-05	1.24E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	6.68E-05	2.92E-05
733	560888.19	4191990.09	1.80E-04	1.37E-04	1.34E-04	1.34E-04	1.34E-04	9.92E-05	6.01E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.91E-05	3.03E-05
734	560901.38	4191981.41	1.85E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	1.02E-04	6.20E-05	1.33E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.13E-05	3.12E-05
735	560914.56	4191972.72	1.92E-04	1.46E-04	1.43E-04	1.43E-04	1.43E-04	1.06E-04	6.42E-05	1.37E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	7.38E-05	3.23E-05
736	560927.74	4191964.03	1.98E-04	1.51E-04	1.48E-04	1.48E-04	1.48E-04	1.09E-04	6.63E-05	1.42E-04	1.18E-04	1.14E-04	1.15E-04	1.14E-04	7.63E-05	3.34E-05
737	560940.92	4191955.35	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.13E-04	6.84E-05	1.46E-04	1.22E-04	1.18E-04	1.18E-04	1.18E-04	7.86E-05	3.44E-05
738	560759.97	4192171.22	1.82E-04	1.39E-04	1.35E-04	1.36E-04	1.35E-04	1.00E-04	6.08E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.00E-05	3.06E-05
739	560756.67	4192187.21	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.02E-04	6.16E-05	1.32E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.08E-05	3.10E-05
740	560755.3	4192154.27	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.50E-05	5.76E-05	1.23E-04	1.02E-04	9.93E-05	9.96E-05	9.93E-05	6.62E-05	2.90E-05
741	560762.26	4192140.4	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.47E-05	5.74E-05	1.23E-04	1.02E-04	9.90E-05	9.93E-05	9.90E-05	6.60E-05	2.89E-05
742	560769.22	4192126.54	1.70E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	9.39E-05	5.69E-05	1.22E-04	1.01E-04	9.82E-05	9.84E-05	9.82E-05	6.54E-05	2.87E-05
743	560776.17	4192112.67	1.68E-04	1.28E-04	1.25E-04	1.25E-04	1.25E-04	9.26E-05	5.62E-05	1.20E-04	9.99E-05	9.69E-05	9.71E-05	9.69E-05	6.46E-05	2.83E-05
744	560783.13	4192098.8	1.65E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	9.11E-05	5.52E-05	1.18E-04	9.82E-05	9.53E-05	9.55E-05	9.53E-05	6.35E-05	2.78E-05
745	560790.09	4192084.94	1.62E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.94E-05	5.42E-05	1.16E-04	9.64E-05	9.35E-05	9.37E-05	9.35E-05	6.23E-05	2.73E-05
746	560797.05	4192071.07	1.59E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.76E-05	5.31E-05	1.14E-04	9.44E-05	9.16E-05	9.19E-05	9.16E-05	6.11E-05	2.67E-05
747	560804.01	4192057.2	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.58E-05	5.20E-05	1.11E-04	9.25E-05	8.97E-05	9.00E-05	8.97E-05	5.98E-05	2.62E-05
748	560810.96	4192043.34	1.52E-04	1.16E-04	1.13E-04	1.14E-04	1.13E-04	8.40E-05	5.09E-05	1.09E-04	9.06E-05	8.79E-05	8.81E-05	8.79E-05	5.86E-05	2.57E-05
749	560817.92	4192029.47	1.49E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	8.24E-05	5.00E-05	1.07E-04	8.89E-05	8.62E-05	8.64E-05	8.62E-05	5.75E-05	2.52E-05
750	560827.88	4192018.27	1.50E-04	1.14E-04	1.12E-04	1.12E-04	1.12E-04	8.27E-05	5.01E-05	1.07E-04	8.92E-05	8.65E-05	8.67E-05	8.65E-05	5.77E-05	2.52E-05
751	560840.83	4192009.73	1.54E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.49E-05	5.15E-05	1.10E-04	9.16E-05	8.88E-05	8.91E-05	8.88E-05	5.92E-05	2.59E-05
752	560853.79	4192001.2	1.59E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.75E-05	5.30E-05	1.13E-04	9.43E-05	9.15E-05	9.17E-05	9.15E-05	6.10E-05	2.67E-05
753	560866.74	4191992.66	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.03E-05	5.48E-05	1.17E-04	9.74E-05	9.45E-05	9.47E-05	9.45E-05	6.30E-05	2.76E-05
754	560879.7	4191984.12	1.69E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.34E-05	5.66E-05	1.21E-04	1.01E-04	9.77E-05	9.80E-05	9.77E-05	6.51E-05	2.85E-05
755	560892.65	4191975.59	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.65E-05	5.85E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.73E-05	2.95E-05
756	560905.61	4191967.05	1.80E-04	1.38E-04	1.34E-04	1.35E-04	1.34E-04	9.96E-05	6.04E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.94E-05	3.04E-05
757	560918.56	4191958.51	1.87E-04	1.42E-04	1.39E-04	1.39E-04	1.39E-04	1.03E-04	6.24E-05	1.33E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.18E-05	3.14E-05
758	560931.52	4191949.98	1.92E-04	1.47E-04	1.43E-04	1.44E-04	1.43E-04	1.06E-04	6.44E-05	1.38E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	7.40E-05	3.24E-05
759	560750.17	4192169.2	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.57E-05	5.80E-05	1.24E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	6.67E-05	2.92E-05
760	560746.87	4192185.19	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.67E-05	5.86E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.74E-05	2.95E-05
761	560745.62	4192152.02	1.64E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	9.07E-05	5.50E-05	1.18E-04	9.78E-05	9.49E-05	9.51E-05	9.49E-05	6.33E-05	2.77E-05
762	560752.81	4192137.69	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.05E-05	5.48E-05	1.17E-04	9.75E-05	9.46E-05	9.49E-05	9.46E-05	6.31E-05	2.76E-05
763	560760	4192123.36	1.63E-04	1.24E-04	1.21E-04	1.21E-04	1.21E-04	8.97E-05	5.44E-05	1.16E-04	9.67E-05	9.38E-05	9.41E-05	9.38E-05	6.25E-05	2.74E-05
764	560767.19	4192109.03	1.60E-04	1.22E-04	1.19E-04	1.20E-04	1.19E-04	8.85E-05	5.37E-05	1.15E-04	9.54E-05	9.26E-05	9.28E-05	9.26E-05	6.17E-05	2.70E-05

765	560774.38	4192094.7	1.58E-04	1.20E-04	1.17E-04	1.18E-04	1.17E-04	8.70E-05	5.28E-05	1.13E-04	9.38E-05	9.10E-05	9.12E-05	9.10E-05	6.07E-05	2.66E-05
766	560781.57	4192080.37	1.55E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.53E-05	5.17E-05	1.11E-04	9.20E-05	8.92E-05	8.95E-05	8.92E-05	5.95E-05	2.60E-05
767	560788.76	4192066.05	1.51E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.35E-05	5.06E-05	1.08E-04	9.00E-05	8.73E-05	8.76E-05	8.73E-05	5.82E-05	2.55E-05
768	560795.95	4192051.72	1.48E-04	1.13E-04	1.10E-04	1.11E-04	1.10E-04	8.17E-05	4.95E-05	1.06E-04	8.81E-05	8.55E-05	8.57E-05	8.55E-05	5.70E-05	2.49E-05
769	560803.14	4192037.39	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	8.00E-05	4.85E-05	1.04E-04	8.62E-05	8.36E-05	8.39E-05	8.36E-05	5.58E-05	2.44E-05
770	560810.33	4192023.06	1.42E-04	1.08E-04	1.06E-04	1.06E-04	1.06E-04	7.84E-05	4.75E-05	1.02E-04	8.45E-05	8.20E-05	8.22E-05	8.20E-05	5.46E-05	2.39E-05
771	560820.62	4192011.48	1.42E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.86E-05	4.76E-05	1.02E-04	8.47E-05	8.22E-05	8.24E-05	8.22E-05	5.48E-05	2.40E-05
772	560834.01	4192002.66	1.46E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	8.07E-05	4.89E-05	1.05E-04	8.70E-05	8.44E-05	8.46E-05	8.44E-05	5.63E-05	2.46E-05
773	560847.39	4191993.84	1.51E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	8.31E-05	5.04E-05	1.08E-04	8.96E-05	8.69E-05	8.71E-05	8.69E-05	5.79E-05	2.54E-05
774	560860.78	4191985.02	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.58E-05	5.20E-05	1.11E-04	9.25E-05	8.98E-05	9.00E-05	8.98E-05	5.98E-05	2.62E-05
775	560874.17	4191976.2	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	8.88E-05	5.38E-05	1.15E-04	9.58E-05	9.29E-05	9.31E-05	9.29E-05	6.19E-05	2.71E-05
776	560887.55	4191967.38	1.67E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.20E-05	5.58E-05	1.19E-04	9.92E-05	9.62E-05	9.65E-05	9.62E-05	6.41E-05	2.81E-05
777	560900.94	4191958.56	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.49E-05	5.75E-05	1.23E-04	1.02E-04	9.92E-05	9.95E-05	9.92E-05	6.62E-05	2.90E-05
778	560914.33	4191949.74	1.78E-04	1.36E-04	1.32E-04	1.33E-04	1.32E-04	9.81E-05	5.95E-05	1.27E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.84E-05	3.00E-05
779	560927.71	4191940.92	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.01E-04	6.14E-05	1.31E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.06E-05	3.09E-05
780	560740.38	4192167.18	1.66E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	9.13E-05	5.54E-05	1.18E-04	9.84E-05	9.55E-05	9.57E-05	9.55E-05	6.37E-05	2.79E-05
781	560737.08	4192183.17	1.67E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	9.22E-05	5.59E-05	1.19E-04	9.94E-05	9.64E-05	9.66E-05	9.64E-05	6.43E-05	2.81E-05
782	560929.86	4192237.22	6.65E-04	5.08E-04	4.95E-04	4.96E-04	4.95E-04	3.67E-04	2.22E-04	4.76E-04	3.96E-04	3.84E-04	3.85E-04	3.84E-04	2.56E-04	1.12E-04
783	560920.14	4192234.86	5.99E-04	4.57E-04	4.46E-04	4.47E-04	4.46E-04	3.31E-04	2.00E-04	4.28E-04	3.56E-04	3.46E-04	3.47E-04	3.46E-04	2.30E-04	1.01E-04
784	560917.86	4192244.25	6.03E-04	4.60E-04	4.49E-04	4.50E-04	4.49E-04	3.33E-04	2.02E-04	4.31E-04	3.59E-04	3.48E-04	3.49E-04	3.48E-04	2.32E-04	1.02E-04
785	560915.58	4192253.64	6.05E-04	4.62E-04	4.50E-04	4.51E-04	4.50E-04	3.34E-04	2.02E-04	4.33E-04	3.60E-04	3.49E-04	3.50E-04	3.49E-04	2.33E-04	1.02E-04
786	560913.29	4192263.03	6.04E-04	4.61E-04	4.49E-04	4.50E-04	4.49E-04	3.33E-04	2.02E-04	4.32E-04	3.59E-04	3.48E-04	3.49E-04	3.48E-04	2.32E-04	1.02E-04
787	560911.01	4192272.42	6.00E-04	4.58E-04	4.46E-04	4.48E-04	4.46E-04	3.31E-04	2.01E-04	4.29E-04	3.57E-04	3.46E-04	3.47E-04	3.46E-04	2.31E-04	1.01E-04
788	560910.43	4192232.49	5.43E-04	4.14E-04	4.04E-04	4.05E-04	4.04E-04	2.99E-04	1.82E-04	3.88E-04	3.23E-04	3.13E-04	3.14E-04	3.13E-04	2.09E-04	9.14E-05
789	560908.14	4192241.88	5.46E-04	4.17E-04	4.06E-04	4.08E-04	4.06E-04	3.01E-04	1.83E-04	3.91E-04	3.25E-04	3.15E-04	3.16E-04	3.15E-04	2.10E-04	9.20E-05
790	560905.86	4192251.28	5.48E-04	4.18E-04	4.07E-04	4.09E-04	4.07E-04	3.02E-04	1.83E-04	3.92E-04	3.26E-04	3.16E-04	3.17E-04	3.16E-04	2.11E-04	9.22E-05
791	560903.58	4192260.67	5.47E-04	4.17E-04	4.07E-04	4.08E-04	4.07E-04	3.02E-04	1.83E-04	3.91E-04	3.25E-04	3.15E-04	3.16E-04	3.15E-04	2.10E-04	9.21E-05
792	560901.29	4192270.06	5.43E-04	4.15E-04	4.04E-04	4.05E-04	4.04E-04	3.00E-04	1.82E-04	3.88E-04	3.23E-04	3.13E-04	3.14E-04	3.13E-04	2.09E-04	9.15E-05
793	560899.01	4192279.45	5.37E-04	4.10E-04	4.00E-04	4.01E-04	4.00E-04	2.97E-04	1.80E-04	3.84E-04	3.20E-04	3.10E-04	3.11E-04	3.10E-04	2.07E-04	9.05E-05
794	560896.73	4192288.84	5.30E-04	4.05E-04	3.94E-04	3.95E-04	3.94E-04	2.92E-04	1.77E-04	3.79E-04	3.15E-04	3.06E-04	3.07E-04	3.06E-04	2.04E-04	8.92E-05
795	560894.44	4192298.23	5.21E-04	3.97E-04	3.87E-04	3.88E-04	3.87E-04	2.87E-04	1.74E-04	3.72E-04	3.10E-04	3.00E-04	3.01E-04	3.00E-04	2.00E-04	8.77E-05
796	560900.71	4192230.13	4.95E-04	3.78E-04	3.68E-04	3.69E-04	3.68E-04	2.73E-04	1.65E-04	3.54E-04	2.94E-04	2.85E-04	2.86E-04	2.85E-04	1.90E-04	8.33E-05
797	560898.43	4192239.52	4.98E-04	3.80E-04	3.71E-04	3.72E-04	3.71E-04	2.75E-04	1.67E-04	3.56E-04	2.96E-04	2.88E-04	2.88E-04	2.88E-04	1.92E-04	8.39E-05
798	560896.14	4192248.91	5.00E-04	3.81E-04	3.72E-04	3.73E-04	3.72E-04	2.76E-04	1.67E-04	3.57E-04	2.97E-04	2.88E-04	2.89E-04	2.88E-04	1.92E-04	8.42E-05
799	560893.86	4192258.3	4.99E-04	3.81E-04	3.71E-04	3.72E-04	3.71E-04	2.75E-04	1.67E-04	3.57E-04	2.96E-04	2.88E-04	2.88E-04	2.88E-04	1.92E-04	8.39E-05
800	560891.58	4192267.7	4.95E-04	3.78E-04	3.68E-04	3.69E-04	3.68E-04	2.73E-04	1.66E-04	3.54E-04	2.94E-04	2.86E-04	2.86E-04	2.86E-04	1.90E-04	8.34E-05
801	560889.29	4192277.09	4.89E-04	3.73E-04	3.64E-04	3.65E-04	3.64E-04	2.70E-04	1.64E-04	3.50E-04	2.91E-04	2.82E-04	2.83E-04	2.82E-04	1.88E-04	8.24E-05
802	560887.01	4192286.48	4.82E-04	3.68E-04	3.59E-04	3.60E-04	3.59E-04	2.66E-04	1.61E-04	3.45E-04	2.87E-04	2.78E-04	2.79E-04	2.78E-04	1.86E-04	8.12E-05
803	560884.72	4192295.87	4.74E-04	3.62E-04	3.53E-04	3.54E-04	3.53E-04	2.62E-04	1.59E-04	3.39E-04	2.82E-04	2.74E-04	2.74E-04	2.74E-04	1.82E-04	7.99E-05
804	560890.99	4192227.77	4.54E-04	3.47E-04	3.38E-04	3.39E-04	3.38E-04	2.51E-04	1.52E-04	3.25E-04	2.70E-04	2.62E-04	2.63E-04	2.62E-04	1.75E-04	7.65E-05
805	560888.71	4192237.16	4.58E-04	3.49E-04	3.40E-04	3.41E-04	3.40E-04	2.52E-04	1.53E-04	3.27E-04	2.72E-04	2.64E-04	2.65E-04	2.64E-04	1.76E-04	7.71E-05
806	560886.43	4192246.55	4.58E-04	3.50E-04	3.41E-04	3.42E-04	3.41E-04	2.53E-04	1.53E-04	3.28E-04	2.73E-04	2.64E-04	2.65E-04	2.64E-04	1.76E-04	7.72E-05
807	560884.14	4192255.94	4.57E-04	3.49E-04	3.40E-04	3.41E-04	3.40E-04	2.52E-04	1.53E-04	3.27E-04	2.72E-04	2.64E-04	2.64E-04	2.64E-04	1.76E-04	7.70E-05
808	560881.86	4192265.33	4.53E-04	3.46E-04	3.37E-04	3.38E-04	3.37E-04	2.50E-04	1.52E-04	3.24E-04	2.70E-04	2.62E-04	2.62E-04	2.62E-04	1.74E-04	7.64E-05
809	560879.58	4192274.72	4.48E-04	3.42E-04	3.33E-04	3.34E-04	3.33E-04	2.47E-04	1.50E-04	3.20E-04	2.66E-04	2.58E-04	2.59E-04	2.58E-04	1.72E-04	7.54E-05
810	560877.29	4192284.11	4.42E-04	3.37E-04	3.28E-04	3.29E-04	3.28E-04	2.44E-04	1.48E-04	3.16E-04	2.63E-04	2.55E-04	2.55E-04	2.55E-04	1.70E-04	7.43E-05
811	560875.01	4192293.51	4.34E-04	3.31E-04	3.23E-04	3.24E-04	3.23E-04	2.39E-04	1.45E-04	3.10E-04	2.58E-04	2.50E-04	2.51E-04	2.50E-04	1.67E-04	7.31E-05
812	560881.28	4192225.4	4.18E-04	3.19E-04	3.11E-04	3.12E-04	3.11E-04	2.31E-04	1.40E-04	2.99E-04	2.49E-04	2.41E-04	2.42E-04	2.41E-04	1.61E-04	7.04E-05

813	560878.99	4192234.8	4.21E-04	3.21E-04	3.13E-04	3.14E-04	3.13E-04	2.32E-04	1.41E-04	3.01E-04	2.50E-04	2.43E-04	2.43E-04	2.43E-04	1.62E-04	7.08E-05
814	560876.71	4192244.19	4.21E-04	3.22E-04	3.13E-04	3.14E-04	3.13E-04	2.32E-04	1.41E-04	3.01E-04	2.51E-04	2.43E-04	2.44E-04	2.43E-04	1.62E-04	7.09E-05
815	560874.43	4192253.58	4.20E-04	3.21E-04	3.13E-04	3.13E-04	3.13E-04	2.32E-04	1.41E-04	3.00E-04	2.50E-04	2.42E-04	2.43E-04	2.42E-04	1.62E-04	7.08E-05
816	560872.14	4192262.97	4.17E-04	3.19E-04	3.11E-04	3.11E-04	3.11E-04	2.30E-04	1.40E-04	2.98E-04	2.48E-04	2.41E-04	2.41E-04	2.41E-04	1.61E-04	7.03E-05
817	560869.86	4192272.36	4.12E-04	3.15E-04	3.07E-04	3.08E-04	3.07E-04	2.27E-04	1.38E-04	2.95E-04	2.45E-04	2.38E-04	2.39E-04	2.38E-04	1.59E-04	6.94E-05
818	560867.57	4192281.75	4.07E-04	3.10E-04	3.02E-04	3.03E-04	3.02E-04	2.24E-04	1.36E-04	2.91E-04	2.42E-04	2.35E-04	2.35E-04	2.35E-04	1.56E-04	6.85E-05
819	560865.29	4192291.14	4.00E-04	3.05E-04	2.98E-04	2.98E-04	2.98E-04	2.21E-04	1.34E-04	2.86E-04	2.38E-04	2.31E-04	2.31E-04	2.31E-04	1.54E-04	6.74E-05
820	560871.56	4192223.04	3.86E-04	2.95E-04	2.87E-04	2.88E-04	2.87E-04	2.13E-04	1.29E-04	2.76E-04	2.30E-04	2.23E-04	2.24E-04	2.23E-04	1.49E-04	6.51E-05
821	560869.28	4192232.43	3.88E-04	2.96E-04	2.89E-04	2.90E-04	2.89E-04	2.14E-04	1.30E-04	2.78E-04	2.31E-04	2.24E-04	2.25E-04	2.24E-04	1.49E-04	6.54E-05
822	560866.99	4192241.82	3.89E-04	2.97E-04	2.89E-04	2.90E-04	2.89E-04	2.14E-04	1.30E-04	2.78E-04	2.31E-04	2.24E-04	2.25E-04	2.24E-04	1.49E-04	6.55E-05
823	560864.71	4192251.22	3.88E-04	2.96E-04	2.88E-04	2.89E-04	2.88E-04	2.14E-04	1.30E-04	2.77E-04	2.31E-04	2.24E-04	2.24E-04	2.24E-04	1.49E-04	6.53E-05
824	560862.43	4192260.61	3.85E-04	2.94E-04	2.87E-04	2.87E-04	2.87E-04	2.13E-04	1.29E-04	2.75E-04	2.29E-04	2.22E-04	2.23E-04	2.22E-04	1.48E-04	6.49E-05
825	560860.14	4192270	3.81E-04	2.91E-04	2.84E-04	2.84E-04	2.84E-04	2.10E-04	1.28E-04	2.73E-04	2.27E-04	2.20E-04	2.21E-04	2.20E-04	1.47E-04	6.42E-05
826	560857.86	4192279.39	3.76E-04	2.87E-04	2.80E-04	2.81E-04	2.80E-04	2.08E-04	1.26E-04	2.69E-04	2.24E-04	2.17E-04	2.18E-04	2.17E-04	1.45E-04	6.34E-05
827	560855.57	4192288.78	3.70E-04	2.82E-04	2.75E-04	2.76E-04	2.75E-04	2.04E-04	1.24E-04	2.65E-04	2.20E-04	2.13E-04	2.14E-04	2.13E-04	1.42E-04	6.23E-05
828	560861.84	4192220.68	3.58E-04	2.73E-04	2.66E-04	2.67E-04	2.66E-04	1.98E-04	1.20E-04	2.56E-04	2.13E-04	2.07E-04	2.07E-04	2.07E-04	1.38E-04	6.03E-05
829	560859.56	4192230.07	3.60E-04	2.75E-04	2.68E-04	2.68E-04	2.68E-04	1.98E-04	1.20E-04	2.57E-04	2.14E-04	2.08E-04	2.08E-04	2.08E-04	1.38E-04	6.06E-05
830	560857.28	4192239.46	3.60E-04	2.75E-04	2.68E-04	2.69E-04	2.68E-04	1.99E-04	1.20E-04	2.57E-04	2.14E-04	2.08E-04	2.08E-04	2.08E-04	1.38E-04	6.06E-05
831	560854.99	4192248.85	3.59E-04	2.74E-04	2.67E-04	2.68E-04	2.67E-04	1.98E-04	1.20E-04	2.57E-04	2.13E-04	2.07E-04	2.08E-04	2.07E-04	1.38E-04	6.04E-05
832	560852.71	4192258.24	3.57E-04	2.72E-04	2.65E-04	2.66E-04	2.65E-04	1.97E-04	1.19E-04	2.55E-04	2.12E-04	2.06E-04	2.06E-04	2.06E-04	1.37E-04	6.01E-05
833	560850.42	4192267.63	3.53E-04	2.69E-04	2.63E-04	2.63E-04	2.63E-04	1.95E-04	1.18E-04	2.52E-04	2.10E-04	2.04E-04	2.04E-04	2.04E-04	1.36E-04	5.95E-05
834	560848.14	4192277.03	3.48E-04	2.66E-04	2.59E-04	2.60E-04	2.59E-04	1.92E-04	1.17E-04	2.49E-04	2.07E-04	2.01E-04	2.02E-04	2.01E-04	1.34E-04	5.87E-05
835	560845.86	4192286.42	3.43E-04	2.61E-04	2.55E-04	2.56E-04	2.55E-04	1.89E-04	1.15E-04	2.45E-04	2.04E-04	1.98E-04	1.98E-04	1.98E-04	1.32E-04	5.77E-05
836	560852.13	4192218.32	3.33E-04	2.54E-04	2.48E-04	2.49E-04	2.48E-04	1.84E-04	1.11E-04	2.38E-04	1.98E-04	1.92E-04	1.93E-04	1.92E-04	1.28E-04	5.61E-05
837	560849.84	4192227.71	3.34E-04	2.55E-04	2.49E-04	2.49E-04	2.49E-04	1.85E-04	1.12E-04	2.39E-04	1.99E-04	1.93E-04	1.93E-04	1.93E-04	1.29E-04	5.63E-05
838	560847.56	4192237.1	3.35E-04	2.55E-04	2.49E-04	2.50E-04	2.49E-04	1.85E-04	1.12E-04	2.39E-04	1.99E-04	1.93E-04	1.94E-04	1.93E-04	1.29E-04	5.63E-05
839	560845.28	4192246.49	3.34E-04	2.55E-04	2.48E-04	2.49E-04	2.48E-04	1.84E-04	1.12E-04	2.39E-04	1.98E-04	1.92E-04	1.93E-04	1.92E-04	1.28E-04	5.62E-05
840	560842.99	4192255.88	3.31E-04	2.53E-04	2.47E-04	2.47E-04	2.47E-04	1.83E-04	1.11E-04	2.37E-04	1.97E-04	1.91E-04	1.92E-04	1.91E-04	1.27E-04	5.58E-05
841	560840.71	4192265.27	3.28E-04	2.50E-04	2.44E-04	2.45E-04	2.44E-04	1.81E-04	1.10E-04	2.35E-04	1.95E-04	1.89E-04	1.90E-04	1.89E-04	1.26E-04	5.52E-05
842	560838.42	4192274.66	3.24E-04	2.47E-04	2.41E-04	2.41E-04	2.41E-04	1.79E-04	1.08E-04	2.31E-04	1.92E-04	1.87E-04	1.87E-04	1.87E-04	1.24E-04	5.45E-05
843	560836.14	4192284.05	3.18E-04	2.43E-04	2.37E-04	2.37E-04	2.37E-04	1.76E-04	1.06E-04	2.28E-04	1.89E-04	1.84E-04	1.84E-04	1.84E-04	1.22E-04	5.36E-05
844	560842.41	4192215.95	3.11E-04	2.37E-04	2.31E-04	2.32E-04	2.31E-04	1.71E-04	1.04E-04	2.22E-04	1.85E-04	1.79E-04	1.80E-04	1.79E-04	1.20E-04	5.23E-05
845	560840.13	4192225.34	3.12E-04	2.38E-04	2.32E-04	2.33E-04	2.32E-04	1.72E-04	1.04E-04	2.23E-04	1.85E-04	1.80E-04	1.80E-04	1.80E-04	1.20E-04	5.25E-05
846	560837.84	4192234.74	3.12E-04	2.38E-04	2.32E-04	2.33E-04	2.32E-04	1.72E-04	1.04E-04	2.23E-04	1.86E-04	1.80E-04	1.80E-04	1.80E-04	1.20E-04	5.25E-05
847	560835.56	4192244.13	3.11E-04	2.37E-04	2.31E-04	2.32E-04	2.31E-04	1.72E-04	1.04E-04	2.22E-04	1.85E-04	1.79E-04	1.80E-04	1.79E-04	1.20E-04	5.24E-05
848	560833.27	4192253.52	3.09E-04	2.36E-04	2.30E-04	2.30E-04	2.30E-04	1.70E-04	1.03E-04	2.21E-04	1.84E-04	1.78E-04	1.79E-04	1.78E-04	1.19E-04	5.20E-05
849	560830.99	4192262.91	3.06E-04	2.33E-04	2.27E-04	2.28E-04	2.27E-04	1.69E-04	1.02E-04	2.19E-04	1.82E-04	1.76E-04	1.77E-04	1.76E-04	1.18E-04	5.15E-05
850	560828.71	4192272.3	3.02E-04	2.30E-04	2.24E-04	2.25E-04	2.24E-04	1.66E-04	1.01E-04	2.16E-04	1.79E-04	1.74E-04	1.74E-04	1.74E-04	1.16E-04	5.08E-05
851	560826.42	4192281.69	2.96E-04	2.26E-04	2.21E-04	2.21E-04	2.21E-04	1.64E-04	9.91E-05	2.12E-04	1.76E-04	1.71E-04	1.71E-04	1.71E-04	1.14E-04	4.99E-05
852	560832.69	4192213.59	2.91E-04	2.22E-04	2.16E-04	2.17E-04	2.16E-04	1.60E-04	9.73E-05	2.08E-04	1.73E-04	1.68E-04	1.68E-04	1.68E-04	1.12E-04	4.90E-05
853	560830.41	4192222.98	2.92E-04	2.23E-04	2.17E-04	2.18E-04	2.17E-04	1.61E-04	9.76E-05	2.09E-04	1.73E-04	1.68E-04	1.69E-04	1.68E-04	1.12E-04	4.91E-05
854	560828.13	4192232.37	2.92E-04	2.23E-04	2.17E-04	2.18E-04	2.17E-04	1.61E-04	9.75E-05	2.09E-04	1.73E-04	1.68E-04	1.69E-04	1.68E-04	1.12E-04	4.91E-05
855	560825.84	4192241.76	2.91E-04	2.22E-04	2.16E-04	2.17E-04	2.16E-04	1.60E-04	9.72E-05	2.08E-04	1.73E-04	1.68E-04	1.68E-04	1.68E-04	1.12E-04	4.89E-05
856	560823.56	4192251.15	2.89E-04	2.20E-04	2.15E-04	2.15E-04	2.15E-04	1.59E-04	9.65E-05	2.06E-04	1.72E-04	1.66E-04	1.67E-04	1.66E-04	1.11E-04	4.86E-05
857	560821.27	4192260.55	2.86E-04	2.18E-04	2.12E-04	2.13E-04	2.12E-04	1.58E-04	9.55E-05	2.04E-04	1.70E-04	1.65E-04	1.65E-04	1.65E-04	1.10E-04	4.81E-05
858	560818.99	4192269.94	2.82E-04	2.15E-04	2.10E-04	2.10E-04	2.10E-04	1.55E-04	9.42E-05	2.01E-04	1.68E-04	1.63E-04	1.63E-04	1.63E-04	1.08E-04	4.74E-05
859	560816.71	4192279.33	2.77E-04	2.11E-04	2.06E-04	2.07E-04	2.06E-04	1.53E-04	9.26E-05	1.98E-04	1.65E-04	1.60E-04	1.60E-04	1.60E-04	1.07E-04	4.66E-05
860	560822.98	4192211.23	2.73E-04	2.08E-04	2.03E-04	2.04E-04	2.03E-04	1.51E-04	9.12E-05	1.95E-04	1.62E-04	1.57E-04	1.58E-04	1.57E-04	1.05E-04	4.59E-05

861	560820.69	4192220.62	2.74E-04	2.09E-04	2.03E-04	2.04E-04	2.03E-04	1.51E-04	9.15E-05	1.96E-04	1.63E-04	1.58E-04	1.58E-04	1.58E-04	1.05E-04	4.61E-05
862	560818.41	4192230.01	2.73E-04	2.09E-04	2.03E-04	2.04E-04	2.03E-04	1.51E-04	9.14E-05	1.95E-04	1.63E-04	1.58E-04	1.58E-04	1.58E-04	1.05E-04	4.60E-05
863	560816.12	4192239.4	2.72E-04	2.08E-04	2.03E-04	2.03E-04	2.03E-04	1.50E-04	9.11E-05	1.95E-04	1.62E-04	1.57E-04	1.58E-04	1.57E-04	1.05E-04	4.59E-05
864	560813.84	4192248.79	2.70E-04	2.06E-04	2.01E-04	2.02E-04	2.01E-04	1.49E-04	9.04E-05	1.93E-04	1.61E-04	1.56E-04	1.56E-04	1.56E-04	1.04E-04	4.55E-05
865	560811.56	4192258.18	2.68E-04	2.04E-04	1.99E-04	2.00E-04	1.99E-04	1.48E-04	8.95E-05	1.91E-04	1.59E-04	1.54E-04	1.55E-04	1.54E-04	1.03E-04	4.50E-05
866	560809.27	4192267.57	2.64E-04	2.01E-04	1.96E-04	1.97E-04	1.96E-04	1.46E-04	8.82E-05	1.89E-04	1.57E-04	1.52E-04	1.53E-04	1.52E-04	1.01E-04	4.44E-05
867	560806.99	4192276.97	2.59E-04	1.98E-04	1.93E-04	1.93E-04	1.93E-04	1.43E-04	8.67E-05	1.85E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	9.97E-05	4.37E-05
868	560813.26	4192208.86	2.56E-04	1.96E-04	1.91E-04	1.91E-04	1.91E-04	1.42E-04	8.58E-05	1.83E-04	1.53E-04	1.48E-04	1.48E-04	1.48E-04	9.87E-05	4.32E-05
869	560810.98	4192218.26	2.57E-04	1.96E-04	1.91E-04	1.92E-04	1.91E-04	1.42E-04	8.60E-05	1.84E-04	1.53E-04	1.48E-04	1.49E-04	1.48E-04	9.89E-05	4.33E-05
870	560808.69	4192227.65	2.57E-04	1.96E-04	1.91E-04	1.92E-04	1.91E-04	1.42E-04	8.59E-05	1.84E-04	1.53E-04	1.48E-04	1.49E-04	1.48E-04	9.88E-05	4.33E-05
871	560806.41	4192237.04	2.56E-04	1.95E-04	1.90E-04	1.91E-04	1.90E-04	1.41E-04	8.55E-05	1.83E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	9.84E-05	4.31E-05
872	560804.12	4192246.43	2.54E-04	1.94E-04	1.89E-04	1.89E-04	1.89E-04	1.40E-04	8.49E-05	1.82E-04	1.51E-04	1.46E-04	1.47E-04	1.46E-04	9.76E-05	4.27E-05
873	560801.84	4192255.82	2.51E-04	1.92E-04	1.87E-04	1.87E-04	1.87E-04	1.39E-04	8.40E-05	1.80E-04	1.49E-04	1.45E-04	1.45E-04	1.45E-04	9.66E-05	4.23E-05
874	560799.56	4192265.21	2.48E-04	1.89E-04	1.84E-04	1.85E-04	1.84E-04	1.37E-04	8.28E-05	1.77E-04	1.47E-04	1.43E-04	1.43E-04	1.43E-04	9.52E-05	4.17E-05
875	560797.27	4192274.6	2.43E-04	1.86E-04	1.81E-04	1.81E-04	1.81E-04	1.34E-04	8.14E-05	1.74E-04	1.45E-04	1.40E-04	1.41E-04	1.40E-04	9.36E-05	4.10E-05
876	560803.54	4192206.5	2.42E-04	1.84E-04	1.80E-04	1.80E-04	1.80E-04	1.33E-04	8.08E-05	1.73E-04	1.44E-04	1.39E-04	1.40E-04	1.39E-04	9.30E-05	4.07E-05
877	560801.26	4192215.89	2.42E-04	1.85E-04	1.80E-04	1.81E-04	1.80E-04	1.34E-04	8.10E-05	1.73E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	9.31E-05	4.08E-05
878	560798.98	4192225.28	2.42E-04	1.85E-04	1.80E-04	1.80E-04	1.80E-04	1.33E-04	8.09E-05	1.73E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	9.30E-05	4.07E-05
879	560796.69	4192234.67	2.41E-04	1.84E-04	1.79E-04	1.80E-04	1.79E-04	1.33E-04	8.05E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.26E-05	4.05E-05
880	560794.41	4192244.07	2.39E-04	1.82E-04	1.78E-04	1.78E-04	1.78E-04	1.32E-04	7.99E-05	1.71E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	9.19E-05	4.02E-05
881	560792.12	4192253.46	2.36E-04	1.80E-04	1.76E-04	1.76E-04	1.76E-04	1.30E-04	7.90E-05	1.69E-04	1.40E-04	1.36E-04	1.37E-04	1.36E-04	9.09E-05	3.98E-05
882	560789.84	4192262.85	2.33E-04	1.78E-04	1.73E-04	1.74E-04	1.73E-04	1.28E-04	7.79E-05	1.67E-04	1.38E-04	1.34E-04	1.35E-04	1.34E-04	8.96E-05	3.92E-05
883	560787.56	4192272.24	2.29E-04	1.75E-04	1.70E-04	1.71E-04	1.70E-04	1.26E-04	7.65E-05	1.64E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.80E-05	3.85E-05
884	560793.83	4192204.14	2.28E-04	1.74E-04	1.70E-04	1.70E-04	1.70E-04	1.26E-04	7.63E-05	1.63E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.78E-05	3.84E-05
885	560791.54	4192213.53	2.29E-04	1.74E-04	1.70E-04	1.70E-04	1.70E-04	1.26E-04	7.64E-05	1.63E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.79E-05	3.85E-05
886	560789.26	4192222.92	2.28E-04	1.74E-04	1.70E-04	1.70E-04	1.70E-04	1.26E-04	7.63E-05	1.63E-04	1.36E-04	1.32E-04	1.32E-04	1.32E-04	8.78E-05	3.84E-05
887	560786.97	4192232.31	2.27E-04	1.73E-04	1.69E-04	1.69E-04	1.69E-04	1.25E-04	7.59E-05	1.62E-04	1.35E-04	1.31E-04	1.31E-04	1.31E-04	8.73E-05	3.82E-05
888	560784.69	4192241.7	2.25E-04	1.72E-04	1.68E-04	1.68E-04	1.68E-04	1.24E-04	7.53E-05	1.61E-04	1.34E-04	1.30E-04	1.30E-04	1.30E-04	8.66E-05	3.79E-05
889	560782.41	4192251.09	2.23E-04	1.70E-04	1.66E-04	1.66E-04	1.66E-04	1.23E-04	7.45E-05	1.59E-04	1.32E-04	1.28E-04	1.29E-04	1.28E-04	8.56E-05	3.75E-05
890	560780.12	4192260.49	2.19E-04	1.67E-04	1.63E-04	1.64E-04	1.63E-04	1.21E-04	7.34E-05	1.57E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	8.44E-05	3.69E-05
891	560777.84	4192269.88	2.15E-04	1.64E-04	1.60E-04	1.61E-04	1.60E-04	1.19E-04	7.21E-05	1.54E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	8.29E-05	3.63E-05
892	560781.83	4192211.17	2.16E-04	1.65E-04	1.61E-04	1.61E-04	1.61E-04	1.19E-04	7.23E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.31E-05	3.64E-05
893	560779.54	4192220.56	2.16E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.19E-04	7.21E-05	1.54E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	8.29E-05	3.63E-05
894	560777.26	4192229.95	2.14E-04	1.64E-04	1.60E-04	1.60E-04	1.60E-04	1.18E-04	7.17E-05	1.53E-04	1.28E-04	1.24E-04	1.24E-04	1.24E-04	8.25E-05	3.61E-05
895	560774.97	4192239.34	2.13E-04	1.62E-04	1.58E-04	1.59E-04	1.58E-04	1.17E-04	7.11E-05	1.52E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	8.18E-05	3.58E-05
896	560772.69	4192248.73	2.10E-04	1.60E-04	1.56E-04	1.57E-04	1.56E-04	1.16E-04	7.03E-05	1.50E-04	1.25E-04	1.21E-04	1.22E-04	1.21E-04	8.09E-05	3.54E-05
897	560770.41	4192258.12	2.07E-04	1.58E-04	1.54E-04	1.55E-04	1.54E-04	1.14E-04	6.93E-05	1.48E-04	1.23E-04	1.19E-04	1.20E-04	1.19E-04	7.97E-05	3.49E-05
898	560768.12	4192267.51	2.03E-04	1.55E-04	1.51E-04	1.52E-04	1.51E-04	1.12E-04	6.80E-05	1.45E-04	1.21E-04	1.17E-04	1.18E-04	1.17E-04	7.82E-05	3.42E-05
899	560772.11	4192208.8	2.05E-04	1.56E-04	1.52E-04	1.53E-04	1.52E-04	1.13E-04	6.84E-05	1.46E-04	1.22E-04	1.18E-04	1.18E-04	1.18E-04	7.87E-05	3.45E-05
900	560769.82	4192218.19	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.13E-04	6.83E-05	1.46E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	7.85E-05	3.44E-05
901	560767.54	4192227.59	2.03E-04	1.55E-04	1.51E-04	1.51E-04	1.51E-04	1.12E-04	6.79E-05	1.45E-04	1.21E-04	1.17E-04	1.17E-04	1.17E-04	7.81E-05	3.42E-05
902	560765.26	4192236.98	2.01E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	1.11E-04	6.73E-05	1.44E-04	1.20E-04	1.16E-04	1.16E-04	1.16E-04	7.74E-05	3.39E-05
903	560762.97	4192246.37	1.99E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	1.10E-04	6.65E-05	1.42E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	7.65E-05	3.35E-05
904	560760.69	4192255.76	1.96E-04	1.49E-04	1.46E-04	1.46E-04	1.46E-04	1.08E-04	6.55E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.53E-05	3.30E-05
905	560758.41	4192265.15	1.92E-04	1.47E-04	1.43E-04	1.43E-04	1.43E-04	1.06E-04	6.43E-05	1.37E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	7.39E-05	3.24E-05
906	560762.39	4192206.44	1.94E-04	1.48E-04	1.44E-04	1.45E-04	1.44E-04	1.07E-04	6.49E-05	1.39E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	7.46E-05	3.27E-05
907	560760.11	4192215.83	1.93E-04	1.48E-04	1.44E-04	1.44E-04	1.44E-04	1.07E-04	6.47E-05	1.38E-04	1.15E-04	1.12E-04	1.12E-04	1.12E-04	7.44E-05	3.26E-05
908	560757.82	4192225.22	1.92E-04	1.47E-04	1.43E-04	1.43E-04	1.43E-04	1.06E-04	6.43E-05	1.38E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	7.40E-05	3.24E-05

909	560755.54	4192234.61	1.91E-04	1.45E-04	1.42E-04	1.42E-04	1.42E-04	1.05E-04	6.37E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.33E-05	3.21E-05
910	560753.26	4192244.01	1.88E-04	1.44E-04	1.40E-04	1.40E-04	1.40E-04	1.04E-04	6.30E-05	1.35E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	7.24E-05	3.17E-05
911	560750.97	4192253.4	1.85E-04	1.41E-04	1.38E-04	1.38E-04	1.38E-04	1.02E-04	6.20E-05	1.33E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.13E-05	3.12E-05
912	560748.69	4192262.79	1.82E-04	1.39E-04	1.35E-04	1.36E-04	1.35E-04	1.00E-04	6.09E-05	1.30E-04	1.08E-04	1.05E-04	1.05E-04	1.05E-04	7.00E-05	3.06E-05
913	560752.67	4192204.08	1.84E-04	1.41E-04	1.37E-04	1.37E-04	1.37E-04	1.02E-04	6.16E-05	1.32E-04	1.10E-04	1.06E-04	1.07E-04	1.06E-04	7.09E-05	3.10E-05
914	560750.39	4192213.47	1.84E-04	1.40E-04	1.37E-04	1.37E-04	1.37E-04	1.01E-04	6.14E-05	1.31E-04	1.09E-04	1.06E-04	1.06E-04	1.06E-04	7.06E-05	3.09E-05
915	560748.11	4192222.86	1.83E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.10E-05	1.31E-04	1.09E-04	1.05E-04	1.06E-04	1.05E-04	7.02E-05	3.07E-05
916	560745.82	4192232.25	1.81E-04	1.38E-04	1.35E-04	1.35E-04	1.35E-04	9.98E-05	6.05E-05	1.29E-04	1.08E-04	1.04E-04	1.05E-04	1.04E-04	6.95E-05	3.04E-05
917	560743.54	4192241.64	1.79E-04	1.36E-04	1.33E-04	1.33E-04	1.33E-04	9.85E-05	5.97E-05	1.28E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.87E-05	3.01E-05
918	560741.26	4192251.03	1.76E-04	1.34E-04	1.31E-04	1.31E-04	1.31E-04	9.70E-05	5.88E-05	1.26E-04	1.05E-04	1.01E-04	1.02E-04	1.01E-04	6.76E-05	2.96E-05
919	560738.97	4192260.43	1.72E-04	1.32E-04	1.28E-04	1.29E-04	1.28E-04	9.51E-05	5.77E-05	1.23E-04	1.03E-04	9.95E-05	9.98E-05	9.95E-05	6.63E-05	2.90E-05
920	560742.96	4192201.71	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.67E-05	5.86E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.74E-05	2.95E-05
921	560740.67	4192211.11	1.75E-04	1.33E-04	1.30E-04	1.30E-04	1.30E-04	9.63E-05	5.84E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.72E-05	2.94E-05
922	560738.39	4192220.5	1.73E-04	1.32E-04	1.29E-04	1.29E-04	1.29E-04	9.57E-05	5.80E-05	1.24E-04	1.03E-04	1.00E-04	1.00E-04	1.00E-04	6.67E-05	2.92E-05
923	560736.11	4192229.89	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.48E-05	5.74E-05	1.23E-04	1.02E-04	9.91E-05	9.94E-05	9.91E-05	6.61E-05	2.89E-05
924	560733.82	4192239.28	1.70E-04	1.29E-04	1.26E-04	1.26E-04	1.26E-04	9.35E-05	5.67E-05	1.21E-04	1.01E-04	9.78E-05	9.81E-05	9.78E-05	6.52E-05	2.86E-05
925	560731.54	4192248.67	1.67E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.21E-05	5.58E-05	1.19E-04	9.92E-05	9.63E-05	9.65E-05	9.63E-05	6.42E-05	2.81E-05
926	560729.26	4192258.06	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.03E-05	5.47E-05	1.17E-04	9.73E-05	9.44E-05	9.47E-05	9.44E-05	6.30E-05	2.76E-05
927	560733.24	4192199.35	1.67E-04	1.27E-04	1.24E-04	1.25E-04	1.24E-04	9.21E-05	5.58E-05	1.19E-04	9.93E-05	9.63E-05	9.66E-05	9.63E-05	6.42E-05	2.81E-05
928	560730.96	4192208.74	1.66E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.17E-05	5.56E-05	1.19E-04	9.89E-05	9.59E-05	9.62E-05	9.59E-05	6.39E-05	2.80E-05
929	560728.67	4192218.13	1.65E-04	1.26E-04	1.23E-04	1.23E-04	1.23E-04	9.10E-05	5.52E-05	1.18E-04	9.81E-05	9.52E-05	9.55E-05	9.52E-05	6.35E-05	2.78E-05
930	560726.39	4192227.53	1.63E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.01E-05	5.46E-05	1.17E-04	9.71E-05	9.42E-05	9.45E-05	9.42E-05	6.28E-05	2.75E-05
931	560724.11	4192236.92	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	8.89E-05	5.39E-05	1.15E-04	9.59E-05	9.30E-05	9.33E-05	9.30E-05	6.20E-05	2.71E-05
932	560721.82	4192246.31	1.59E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.75E-05	5.30E-05	1.13E-04	9.43E-05	9.15E-05	9.17E-05	9.15E-05	6.10E-05	2.67E-05
933	560719.54	4192255.7	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.58E-05	5.20E-05	1.11E-04	9.25E-05	8.97E-05	9.00E-05	8.97E-05	5.98E-05	2.62E-05
934	560891.64	4192311.4	5.07E-04	3.87E-04	3.78E-04	3.79E-04	3.78E-04	2.80E-04	1.70E-04	3.63E-04	3.02E-04	2.93E-04	2.94E-04	2.93E-04	1.95E-04	8.55E-05
935	560888.03	4192328.88	4.86E-04	3.71E-04	3.62E-04	3.63E-04	3.62E-04	2.68E-04	1.63E-04	3.48E-04	2.89E-04	2.81E-04	2.81E-04	2.81E-04	1.87E-04	8.19E-05
936	560884.42	4192346.37	4.61E-04	3.52E-04	3.43E-04	3.44E-04	3.43E-04	2.55E-04	1.54E-04	3.30E-04	2.74E-04	2.66E-04	2.67E-04	2.66E-04	1.77E-04	7.77E-05
937	560880.81	4192363.85	4.32E-04	3.30E-04	3.21E-04	3.22E-04	3.21E-04	2.38E-04	1.45E-04	3.09E-04	2.57E-04	2.49E-04	2.50E-04	2.49E-04	1.66E-04	7.28E-05
938	560877.2	4192381.34	3.99E-04	3.04E-04	2.97E-04	2.98E-04	2.97E-04	2.20E-04	1.33E-04	2.85E-04	2.37E-04	2.30E-04	2.31E-04	2.30E-04	1.53E-04	6.72E-05
939	560881.85	4192309.38	4.62E-04	3.52E-04	3.44E-04	3.44E-04	3.44E-04	2.55E-04	1.54E-04	3.30E-04	2.75E-04	2.66E-04	2.67E-04	2.66E-04	1.78E-04	7.78E-05
940	560878.24	4192326.86	4.42E-04	3.38E-04	3.29E-04	3.30E-04	3.29E-04	2.44E-04	1.48E-04	3.16E-04	2.63E-04	2.55E-04	2.56E-04	2.55E-04	1.70E-04	7.45E-05
941	560874.63	4192344.34	4.19E-04	3.20E-04	3.12E-04	3.13E-04	3.12E-04	2.31E-04	1.40E-04	3.00E-04	2.49E-04	2.42E-04	2.42E-04	2.42E-04	1.61E-04	7.06E-05
942	560871.01	4192361.83	3.92E-04	2.99E-04	2.92E-04	2.93E-04	2.92E-04	2.16E-04	1.31E-04	2.81E-04	2.33E-04	2.26E-04	2.27E-04	2.26E-04	1.51E-04	6.61E-05
943	560867.4	4192379.31	3.61E-04	2.76E-04	2.69E-04	2.70E-04	2.69E-04	1.99E-04	1.21E-04	2.58E-04	2.15E-04	2.09E-04	2.09E-04	2.09E-04	1.39E-04	6.09E-05
944	560872.05	4192307.35	4.22E-04	3.22E-04	3.14E-04	3.15E-04	3.14E-04	2.33E-04	1.41E-04	3.02E-04	2.51E-04	2.44E-04	2.44E-04	2.44E-04	1.62E-04	7.11E-05
945	560868.44	4192324.84	4.05E-04	3.09E-04	3.01E-04	3.02E-04	3.01E-04	2.23E-04	1.35E-04	2.90E-04	2.41E-04	2.34E-04	2.34E-04	2.34E-04	1.56E-04	6.82E-05
946	560864.83	4192342.32	3.84E-04	2.93E-04	2.85E-04	2.86E-04	2.85E-04	2.12E-04	1.28E-04	2.74E-04	2.28E-04	2.21E-04	2.22E-04	2.21E-04	1.48E-04	6.46E-05
947	560861.22	4192359.81	3.59E-04	2.74E-04	2.67E-04	2.68E-04	2.67E-04	1.98E-04	1.20E-04	2.57E-04	2.13E-04	2.07E-04	2.08E-04	2.07E-04	1.38E-04	6.04E-05
948	560857.61	4192377.29	3.30E-04	2.52E-04	2.45E-04	2.46E-04	2.45E-04	1.82E-04	1.10E-04	2.36E-04	1.96E-04	1.90E-04	1.91E-04	1.90E-04	1.27E-04	5.55E-05
949	560862.26	4192305.33	3.89E-04	2.97E-04	2.90E-04	2.90E-04	2.90E-04	2.15E-04	1.30E-04	2.78E-04	2.31E-04	2.25E-04	2.25E-04	2.25E-04	1.50E-04	6.55E-05
950	560858.65	4192322.81	3.73E-04	2.85E-04	2.77E-04	2.78E-04	2.77E-04	2.06E-04	1.25E-04	2.67E-04	2.22E-04	2.15E-04	2.16E-04	2.15E-04	1.43E-04	6.28E-05
951	560855.04	4192340.3	3.53E-04	2.69E-04	2.62E-04	2.63E-04	2.62E-04	1.95E-04	1.18E-04	2.52E-04	2.10E-04	2.03E-04	2.04E-04	2.03E-04	1.36E-04	5.94E-05
952	560851.43	4192357.78	3.29E-04	2.51E-04	2.45E-04	2.45E-04	2.45E-04	1.81E-04	1.10E-04	2.35E-04	1.96E-04	1.90E-04	1.90E-04	1.90E-04	1.27E-04	5.54E-05
953	560847.82	4192375.27	3.02E-04	2.31E-04	2.25E-04	2.25E-04	2.25E-04	1.67E-04	1.01E-04	2.16E-04	1.80E-04	1.74E-04	1.75E-04	1.74E-04	1.16E-04	5.09E-05
954	560852.47	4192303.31	3.59E-04	2.74E-04	2.67E-04	2.68E-04	2.67E-04	1.98E-04	1.20E-04	2.57E-04	2.14E-04	2.07E-04	2.08E-04	2.07E-04	1.38E-04	6.05E-05
955	560848.86	4192320.79	3.44E-04	2.62E-04	2.56E-04	2.56E-04	2.56E-04	1.90E-04	1.15E-04	2.46E-04	2.04E-04	1.98E-04	1.99E-04	1.98E-04	1.32E-04	5.78E-05
956	560845.25	4192338.28	3.24E-04	2.48E-04	2.41E-04	2.42E-04	2.41E-04	1.79E-04	1.09E-04	2.32E-04	1.93E-04	1.87E-04	1.88E-04	1.87E-04	1.25E-04	5.46E-05

957	560841.63	4192355.76	3.02E-04	2.31E-04	2.25E-04	2.26E-04	2.25E-04	1.67E-04	1.01E-04	2.16E-04	1.80E-04	1.74E-04	1.75E-04	1.74E-04	1.16E-04	5.09E-05
958	560838.02	4192373.25	2.77E-04	2.12E-04	2.06E-04	2.07E-04	2.06E-04	1.53E-04	9.28E-05	1.98E-04	1.65E-04	1.60E-04	1.60E-04	1.60E-04	1.07E-04	4.67E-05
959	560842.67	4192301.28	3.32E-04	2.54E-04	2.47E-04	2.48E-04	2.47E-04	1.83E-04	1.11E-04	2.38E-04	1.98E-04	1.92E-04	1.92E-04	1.92E-04	1.28E-04	5.60E-05
960	560839.06	4192318.77	3.18E-04	2.42E-04	2.36E-04	2.37E-04	2.36E-04	1.75E-04	1.06E-04	2.27E-04	1.89E-04	1.83E-04	1.84E-04	1.83E-04	1.22E-04	5.35E-05
961	560835.45	4192336.25	3.00E-04	2.29E-04	2.23E-04	2.24E-04	2.23E-04	1.65E-04	1.00E-04	2.14E-04	1.78E-04	1.73E-04	1.73E-04	1.73E-04	1.15E-04	5.05E-05
962	560831.84	4192353.74	2.79E-04	2.13E-04	2.08E-04	2.08E-04	2.08E-04	1.54E-04	9.33E-05	1.99E-04	1.66E-04	1.61E-04	1.61E-04	1.61E-04	1.07E-04	4.70E-05
963	560828.23	4192371.22	2.56E-04	1.95E-04	1.90E-04	1.91E-04	1.90E-04	1.41E-04	8.55E-05	1.83E-04	1.52E-04	1.48E-04	1.48E-04	1.48E-04	9.84E-05	4.31E-05
964	560832.88	4192299.26	3.08E-04	2.35E-04	2.29E-04	2.30E-04	2.29E-04	1.70E-04	1.03E-04	2.20E-04	1.83E-04	1.78E-04	1.78E-04	1.78E-04	1.19E-04	5.19E-05
965	560829.27	4192316.75	2.94E-04	2.25E-04	2.19E-04	2.20E-04	2.19E-04	1.62E-04	9.85E-05	2.11E-04	1.75E-04	1.70E-04	1.70E-04	1.70E-04	1.13E-04	4.96E-05
966	560825.66	4192334.23	2.78E-04	2.12E-04	2.07E-04	2.07E-04	2.07E-04	1.53E-04	9.29E-05	1.99E-04	1.65E-04	1.60E-04	1.61E-04	1.60E-04	1.07E-04	4.68E-05
967	560822.05	4192351.72	2.58E-04	1.97E-04	1.92E-04	1.93E-04	1.92E-04	1.42E-04	8.64E-05	1.85E-04	1.54E-04	1.49E-04	1.49E-04	1.49E-04	9.93E-05	4.35E-05
968	560818.44	4192369.2	2.37E-04	1.81E-04	1.76E-04	1.76E-04	1.76E-04	1.31E-04	7.91E-05	1.69E-04	1.41E-04	1.36E-04	1.37E-04	1.36E-04	9.10E-05	3.98E-05
969	560823.09	4192297.24	2.87E-04	2.19E-04	2.13E-04	2.14E-04	2.13E-04	1.58E-04	9.60E-05	2.05E-04	1.71E-04	1.66E-04	1.66E-04	1.66E-04	1.10E-04	4.83E-05
970	560819.48	4192314.72	2.74E-04	2.09E-04	2.04E-04	2.04E-04	2.04E-04	1.51E-04	9.16E-05	1.96E-04	1.63E-04	1.58E-04	1.58E-04	1.58E-04	1.05E-04	4.61E-05
971	560815.87	4192332.21	2.58E-04	1.97E-04	1.92E-04	1.92E-04	1.92E-04	1.42E-04	8.63E-05	1.84E-04	1.53E-04	1.49E-04	1.49E-04	1.49E-04	9.92E-05	4.34E-05
972	560812.25	4192349.69	2.40E-04	1.83E-04	1.78E-04	1.79E-04	1.78E-04	1.32E-04	8.02E-05	1.71E-04	1.43E-04	1.38E-04	1.39E-04	1.38E-04	9.22E-05	4.04E-05
973	560808.64	4192367.18	2.20E-04	1.68E-04	1.63E-04	1.64E-04	1.63E-04	1.21E-04	7.34E-05	1.57E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.44E-05	3.70E-05
974	560813.29	4192295.22	2.68E-04	2.04E-04	1.99E-04	2.00E-04	1.99E-04	1.48E-04	8.95E-05	1.91E-04	1.59E-04	1.54E-04	1.55E-04	1.54E-04	1.03E-04	4.51E-05
975	560809.68	4192312.7	2.55E-04	1.95E-04	1.90E-04	1.90E-04	1.90E-04	1.41E-04	8.54E-05	1.83E-04	1.52E-04	1.47E-04	1.48E-04	1.47E-04	9.82E-05	4.30E-05
976	560806.07	4192330.19	2.40E-04	1.83E-04	1.79E-04	1.79E-04	1.79E-04	1.33E-04	8.04E-05	1.72E-04	1.43E-04	1.39E-04	1.39E-04	1.39E-04	9.24E-05	4.05E-05
977	560802.46	4192347.67	2.23E-04	1.70E-04	1.66E-04	1.67E-04	1.66E-04	1.23E-04	7.47E-05	1.60E-04	1.33E-04	1.29E-04	1.29E-04	1.29E-04	8.59E-05	3.76E-05
978	560798.85	4192365.15	2.04E-04	1.56E-04	1.52E-04	1.52E-04	1.52E-04	1.13E-04	6.83E-05	1.46E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	7.86E-05	3.44E-05
979	560803.5	4192293.19	2.50E-04	1.91E-04	1.86E-04	1.87E-04	1.86E-04	1.38E-04	8.37E-05	1.79E-04	1.49E-04	1.44E-04	1.45E-04	1.44E-04	9.63E-05	4.22E-05
980	560799.89	4192310.68	2.39E-04	1.82E-04	1.77E-04	1.78E-04	1.77E-04	1.32E-04	7.98E-05	1.71E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	9.18E-05	4.02E-05
981	560796.28	4192328.16	2.24E-04	1.71E-04	1.67E-04	1.67E-04	1.67E-04	1.24E-04	7.51E-05	1.61E-04	1.33E-04	1.29E-04	1.30E-04	1.29E-04	8.63E-05	3.78E-05
982	560792.67	4192345.65	2.08E-04	1.59E-04	1.55E-04	1.55E-04	1.55E-04	1.15E-04	6.97E-05	1.49E-04	1.24E-04	1.20E-04	1.21E-04	1.20E-04	8.01E-05	3.51E-05
983	560789.06	4192363.13	1.91E-04	1.45E-04	1.42E-04	1.42E-04	1.42E-04	1.05E-04	6.38E-05	1.36E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	7.33E-05	3.21E-05
984	560793.71	4192291.17	2.35E-04	1.79E-04	1.75E-04	1.75E-04	1.75E-04	1.29E-04	7.85E-05	1.68E-04	1.40E-04	1.35E-04	1.36E-04	1.35E-04	9.02E-05	3.95E-05
985	560790.1	4192308.66	2.23E-04	1.71E-04	1.66E-04	1.67E-04	1.66E-04	1.23E-04	7.47E-05	1.60E-04	1.33E-04	1.29E-04	1.29E-04	1.29E-04	8.59E-05	3.76E-05
986	560786.49	4192326.14	2.10E-04	1.60E-04	1.56E-04	1.57E-04	1.56E-04	1.16E-04	7.03E-05	1.50E-04	1.25E-04	1.21E-04	1.22E-04	1.21E-04	8.08E-05	3.54E-05
987	560782.87	4192343.62	1.95E-04	1.49E-04	1.45E-04	1.45E-04	1.45E-04	1.08E-04	6.52E-05	1.39E-04	1.16E-04	1.12E-04	1.13E-04	1.12E-04	7.50E-05	3.28E-05
988	560779.26	4192361.11	1.78E-04	1.36E-04	1.33E-04	1.33E-04	1.33E-04	9.84E-05	5.96E-05	1.27E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.86E-05	3.00E-05
989	560783.91	4192289.15	2.20E-04	1.68E-04	1.64E-04	1.64E-04	1.64E-04	1.22E-04	7.37E-05	1.58E-04	1.31E-04	1.27E-04	1.27E-04	1.27E-04	8.47E-05	3.71E-05
990	560780.3	4192306.63	2.10E-04	1.60E-04	1.56E-04	1.56E-04	1.56E-04	1.16E-04	7.01E-05	1.50E-04	1.25E-04	1.21E-04	1.21E-04	1.21E-04	8.06E-05	3.53E-05
991	560776.69	4192324.12	1.97E-04	1.50E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.59E-05	1.41E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	7.58E-05	3.32E-05
992	560773.08	4192341.6	1.83E-04	1.39E-04	1.36E-04	1.36E-04	1.36E-04	1.01E-04	6.11E-05	1.31E-04	1.09E-04	1.05E-04	1.06E-04	1.05E-04	7.03E-05	3.08E-05
993	560769.47	4192359.09	1.67E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	9.22E-05	5.59E-05	1.20E-04	9.94E-05	9.64E-05	9.67E-05	9.64E-05	6.43E-05	2.81E-05
994	560774.12	4192287.13	2.07E-04	1.58E-04	1.54E-04	1.55E-04	1.54E-04	1.14E-04	6.93E-05	1.48E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	7.97E-05	3.49E-05
995	560770.51	4192304.61	1.97E-04	1.50E-04	1.47E-04	1.47E-04	1.47E-04	1.09E-04	6.59E-05	1.41E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	7.58E-05	3.32E-05
996	560766.9	4192322.1	1.85E-04	1.41E-04	1.38E-04	1.38E-04	1.38E-04	1.02E-04	6.19E-05	1.32E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.12E-05	3.12E-05
997	560763.29	4192339.58	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.47E-05	5.74E-05	1.23E-04	1.02E-04	9.90E-05	9.93E-05	9.90E-05	6.60E-05	2.89E-05
998	560759.68	4192357.06	1.57E-04	1.20E-04	1.17E-04	1.17E-04	1.17E-04	8.66E-05	5.25E-05	1.12E-04	9.34E-05	9.06E-05	9.08E-05	9.06E-05	6.04E-05	2.64E-05
999	560764.33	4192285.1	1.95E-04	1.49E-04	1.45E-04	1.46E-04	1.45E-04	1.08E-04	6.53E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.51E-05	3.29E-05
1000	560760.72	4192302.59	1.86E-04	1.42E-04	1.38E-04	1.38E-04	1.38E-04	1.02E-04	6.21E-05	1.33E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.14E-05	3.13E-05
1001	560757.11	4192320.07	1.74E-04	1.33E-04	1.30E-04	1.30E-04	1.30E-04	9.62E-05	5.83E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.70E-05	2.93E-05
1002	560753.5	4192337.56	1.62E-04	1.23E-04	1.20E-04	1.21E-04	1.20E-04	8.91E-05	5.40E-05	1.16E-04	9.61E-05	9.32E-05	9.34E-05	9.32E-05	6.21E-05	2.72E-05
1003	560749.88	4192355.04	1.48E-04	1.13E-04	1.10E-04	1.10E-04	1.10E-04	8.15E-05	4.94E-05	1.06E-04	8.79E-05	8.52E-05	8.55E-05	8.52E-05	5.68E-05	2.49E-05
1004	560756.34	4192274.34	1.88E-04	1.44E-04	1.40E-04	1.41E-04	1.40E-04	1.04E-04	6.30E-05	1.35E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	7.24E-05	3.17E-05

1005	560752.73	4192291.82	1.80E-04	1.37E-04	1.34E-04	1.34E-04	1.34E-04	9.93E-05	6.02E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.92E-05	3.03E-05
1006	560749.12	4192309.31	1.70E-04	1.30E-04	1.26E-04	1.27E-04	1.26E-04	9.37E-05	5.68E-05	1.22E-04	1.01E-04	9.80E-05	9.83E-05	9.80E-05	6.54E-05	2.86E-05
1007	560745.51	4192326.79	1.58E-04	1.21E-04	1.18E-04	1.18E-04	1.18E-04	8.74E-05	5.30E-05	1.13E-04	9.42E-05	9.14E-05	9.17E-05	9.14E-05	6.09E-05	2.67E-05
1008	560741.9	4192344.28	1.46E-04	1.11E-04	1.09E-04	1.09E-04	1.09E-04	8.05E-05	4.88E-05	1.04E-04	8.68E-05	8.42E-05	8.44E-05	8.42E-05	5.61E-05	2.46E-05
1009	560746.55	4192272.32	1.78E-04	1.36E-04	1.33E-04	1.33E-04	1.33E-04	9.83E-05	5.96E-05	1.27E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.85E-05	3.00E-05
1010	560742.94	4192289.8	1.70E-04	1.30E-04	1.27E-04	1.27E-04	1.27E-04	9.38E-05	5.69E-05	1.22E-04	1.01E-04	9.81E-05	9.84E-05	9.81E-05	6.54E-05	2.86E-05
1011	560739.33	4192307.28	1.60E-04	1.23E-04	1.19E-04	1.20E-04	1.19E-04	8.85E-05	5.37E-05	1.15E-04	9.55E-05	9.26E-05	9.28E-05	9.26E-05	6.17E-05	2.70E-05
1012	560735.71	4192324.77	1.50E-04	1.14E-04	1.11E-04	1.12E-04	1.11E-04	8.25E-05	5.00E-05	1.07E-04	8.90E-05	8.63E-05	8.66E-05	8.63E-05	5.75E-05	2.52E-05
1013	560732.1	4192342.25	1.38E-04	1.05E-04	1.03E-04	1.03E-04	1.03E-04	7.60E-05	4.61E-05	9.85E-05	8.19E-05	7.95E-05	7.97E-05	7.95E-05	5.30E-05	2.32E-05
1014	560736.75	4192270.29	1.69E-04	1.29E-04	1.25E-04	1.26E-04	1.25E-04	9.30E-05	5.64E-05	1.21E-04	1.00E-04	9.73E-05	9.76E-05	9.73E-05	6.49E-05	2.84E-05
1015	560733.14	4192287.78	1.61E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	8.88E-05	5.38E-05	1.15E-04	9.57E-05	9.28E-05	9.31E-05	9.28E-05	6.19E-05	2.71E-05
1016	560729.53	4192305.26	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.37E-05	5.08E-05	1.09E-04	9.03E-05	8.76E-05	8.78E-05	8.76E-05	5.84E-05	2.56E-05
1017	560725.92	4192322.75	1.41E-04	1.08E-04	1.05E-04	1.06E-04	1.05E-04	7.81E-05	4.73E-05	1.01E-04	8.41E-05	8.16E-05	8.18E-05	8.16E-05	5.44E-05	2.38E-05
1018	560722.31	4192340.23	1.30E-04	9.95E-05	9.69E-05	9.72E-05	9.69E-05	7.19E-05	4.36E-05	9.32E-05	7.75E-05	7.52E-05	7.54E-05	7.52E-05	5.01E-05	2.19E-05
1019	560726.96	4192268.27	1.60E-04	1.22E-04	1.19E-04	1.19E-04	1.19E-04	8.82E-05	5.35E-05	1.14E-04	9.51E-05	9.22E-05	9.25E-05	9.22E-05	6.15E-05	2.69E-05
1020	560723.35	4192285.76	1.52E-04	1.16E-04	1.13E-04	1.14E-04	1.13E-04	8.41E-05	5.10E-05	1.09E-04	9.07E-05	8.80E-05	8.82E-05	8.80E-05	5.86E-05	2.57E-05
1021	560719.74	4192303.24	1.44E-04	1.10E-04	1.07E-04	1.07E-04	1.07E-04	7.93E-05	4.81E-05	1.03E-04	8.55E-05	8.29E-05	8.32E-05	8.29E-05	5.53E-05	2.42E-05
1022	560716.13	4192320.72	1.34E-04	1.02E-04	9.97E-05	1.00E-04	9.97E-05	7.39E-05	4.48E-05	9.59E-05	7.97E-05	7.73E-05	7.75E-05	7.73E-05	5.16E-05	2.26E-05
1023	560712.52	4192338.21	1.23E-04	9.42E-05	9.18E-05	9.21E-05	9.18E-05	6.81E-05	4.13E-05	8.83E-05	7.34E-05	7.12E-05	7.14E-05	7.12E-05	4.75E-05	2.08E-05
1024	560717.17	4192266.25	1.52E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	8.37E-05	5.08E-05	1.09E-04	9.03E-05	8.75E-05	8.78E-05	8.75E-05	5.84E-05	2.56E-05
1025	560713.56	4192283.73	1.45E-04	1.10E-04	1.08E-04	1.08E-04	1.08E-04	7.98E-05	4.84E-05	1.03E-04	8.61E-05	8.35E-05	8.37E-05	8.35E-05	5.57E-05	2.44E-05
1026	560709.95	4192301.22	1.36E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	7.53E-05	4.56E-05	9.76E-05	8.11E-05	7.87E-05	7.89E-05	7.87E-05	5.25E-05	2.30E-05
1027	560706.33	4192318.7	1.27E-04	9.70E-05	9.46E-05	9.48E-05	9.46E-05	7.01E-05	4.25E-05	9.09E-05	7.56E-05	7.33E-05	7.35E-05	7.33E-05	4.89E-05	2.14E-05
1028	560702.72	4192336.19	1.17E-04	8.94E-05	8.71E-05	8.74E-05	8.71E-05	6.46E-05	3.92E-05	8.38E-05	6.97E-05	6.76E-05	6.78E-05	6.76E-05	4.51E-05	1.97E-05
1029	560873.71	4192396.88	3.65E-04	2.78E-04	2.71E-04	2.72E-04	2.71E-04	2.01E-04	1.22E-04	2.61E-04	2.17E-04	2.10E-04	2.11E-04	2.10E-04	1.40E-04	6.14E-05
1030	560863.95	4192394.71	3.30E-04	2.52E-04	2.46E-04	2.46E-04	2.46E-04	1.82E-04	1.10E-04	2.36E-04	1.96E-04	1.90E-04	1.91E-04	1.90E-04	1.27E-04	5.56E-05
1031	560860.04	4192412.26	2.92E-04	2.23E-04	2.18E-04	2.18E-04	2.18E-04	1.61E-04	9.78E-05	2.09E-04	1.74E-04	1.69E-04	1.69E-04	1.69E-04	1.12E-04	4.92E-05
1032	560856.12	4192429.81	2.54E-04	1.94E-04	1.89E-04	1.90E-04	1.89E-04	1.40E-04	8.50E-05	1.82E-04	1.51E-04	1.47E-04	1.47E-04	1.47E-04	9.78E-05	4.28E-05
1033	560854.19	4192392.53	3.00E-04	2.29E-04	2.24E-04	2.24E-04	2.24E-04	1.66E-04	1.00E-04	2.15E-04	1.79E-04	1.73E-04	1.74E-04	1.73E-04	1.16E-04	5.06E-05
1034	560850.28	4192410.08	2.66E-04	2.03E-04	1.98E-04	1.98E-04	1.98E-04	1.47E-04	8.89E-05	1.90E-04	1.58E-04	1.53E-04	1.54E-04	1.53E-04	1.02E-04	4.48E-05
1035	560846.36	4192427.63	2.31E-04	1.76E-04	1.72E-04	1.72E-04	1.72E-04	1.27E-04	7.72E-05	1.65E-04	1.37E-04	1.33E-04	1.34E-04	1.33E-04	8.88E-05	3.89E-05
1036	560844.43	4192390.35	2.75E-04	2.10E-04	2.05E-04	2.05E-04	2.05E-04	1.52E-04	9.20E-05	1.97E-04	1.64E-04	1.59E-04	1.59E-04	1.59E-04	1.06E-04	4.63E-05
1037	560842.48	4192399.13	2.59E-04	1.98E-04	1.93E-04	1.93E-04	1.93E-04	1.43E-04	8.66E-05	1.85E-04	1.54E-04	1.49E-04	1.50E-04	1.49E-04	9.96E-05	4.36E-05
1038	560838.56	4192416.68	2.27E-04	1.74E-04	1.69E-04	1.70E-04	1.69E-04	1.25E-04	7.61E-05	1.63E-04	1.35E-04	1.31E-04	1.32E-04	1.31E-04	8.75E-05	3.83E-05
1039	560834.65	4192434.23	1.97E-04	1.50E-04	1.46E-04	1.47E-04	1.46E-04	1.08E-04	6.57E-05	1.41E-04	1.17E-04	1.13E-04	1.14E-04	1.13E-04	7.56E-05	3.31E-05
1040	560834.67	4192388.18	2.54E-04	1.94E-04	1.89E-04	1.89E-04	1.89E-04	1.40E-04	8.48E-05	1.81E-04	1.51E-04	1.46E-04	1.47E-04	1.46E-04	9.76E-05	4.27E-05
1041	560830.76	4192405.73	2.24E-04	1.71E-04	1.67E-04	1.67E-04	1.67E-04	1.24E-04	7.50E-05	1.60E-04	1.33E-04	1.29E-04	1.30E-04	1.29E-04	8.63E-05	3.78E-05
1042	560826.84	4192423.28	1.95E-04	1.49E-04	1.45E-04	1.46E-04	1.45E-04	1.08E-04	6.54E-05	1.40E-04	1.16E-04	1.13E-04	1.13E-04	1.13E-04	7.52E-05	3.29E-05
1043	560824.91	4192386	2.34E-04	1.79E-04	1.74E-04	1.75E-04	1.74E-04	1.29E-04	7.83E-05	1.67E-04	1.39E-04	1.35E-04	1.35E-04	1.35E-04	9.00E-05	3.94E-05
1044	560821	4192403.55	2.07E-04	1.58E-04	1.54E-04	1.55E-04	1.54E-04	1.14E-04	6.93E-05	1.48E-04	1.23E-04	1.20E-04	1.20E-04	1.20E-04	7.97E-05	3.49E-05
1045	560817.08	4192421.1	1.80E-04	1.38E-04	1.34E-04	1.35E-04	1.34E-04	9.95E-05	6.03E-05	1.29E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	6.94E-05	3.04E-05
1046	560815.13	4192429.88	1.67E-04	1.28E-04	1.25E-04	1.25E-04	1.25E-04	9.24E-05	5.60E-05	1.20E-04	9.96E-05	9.66E-05	9.69E-05	9.66E-05	6.44E-05	2.82E-05
1047	560815.15	4192383.82	2.17E-04	1.65E-04	1.61E-04	1.62E-04	1.61E-04	1.19E-04	7.24E-05	1.55E-04	1.29E-04	1.25E-04	1.25E-04	1.25E-04	8.33E-05	3.65E-05
1048	560811.24	4192401.38	1.92E-04	1.46E-04	1.43E-04	1.43E-04	1.43E-04	1.06E-04	6.42E-05	1.37E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	7.38E-05	3.23E-05
1049	560807.32	4192418.93	1.67E-04	1.28E-04	1.24E-04	1.25E-04	1.24E-04	9.23E-05	5.59E-05	1.20E-04	9.94E-05	9.65E-05	9.67E-05	9.65E-05	6.43E-05	2.82E-05
1050	560805.39	4192381.65	2.01E-04	1.54E-04	1.50E-04	1.50E-04	1.50E-04	1.11E-04	6.73E-05	1.44E-04	1.20E-04	1.16E-04	1.16E-04	1.16E-04	7.74E-05	3.39E-05
1051	560801.48	4192399.2	1.78E-04	1.36E-04	1.33E-04	1.33E-04	1.33E-04	9.84E-05	5.96E-05	1.28E-04	1.06E-04	1.03E-04	1.03E-04	1.03E-04	6.86E-05	3.00E-05
1052	560797.56	4192416.75	1.56E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.58E-05	5.20E-05	1.11E-04	9.25E-05	8.98E-05	9.00E-05	8.98E-05	5.98E-05	2.62E-05

1053	560795.63	4192379.47	1.87E-04	1.43E-04	1.39E-04	1.40E-04	1.39E-04	1.03E-04	6.27E-05	1.34E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	7.21E-05	3.16E-05
1054	560791.72	4192397.02	1.66E-04	1.27E-04	1.24E-04	1.24E-04	1.24E-04	9.17E-05	5.56E-05	1.19E-04	9.89E-05	9.59E-05	9.62E-05	9.59E-05	6.39E-05	2.80E-05
1055	560787.8	4192414.57	1.45E-04	1.11E-04	1.08E-04	1.08E-04	1.08E-04	8.01E-05	4.86E-05	1.04E-04	8.64E-05	8.38E-05	8.40E-05	8.38E-05	5.59E-05	2.45E-05
1056	560785.87	4192377.29	1.75E-04	1.34E-04	1.30E-04	1.31E-04	1.30E-04	9.66E-05	5.85E-05	1.25E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	6.73E-05	2.95E-05
1057	560781.96	4192394.85	1.55E-04	1.19E-04	1.16E-04	1.16E-04	1.16E-04	8.57E-05	5.20E-05	1.11E-04	9.24E-05	8.97E-05	8.99E-05	8.97E-05	5.98E-05	2.62E-05
1058	560778.04	4192412.4	1.36E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	7.50E-05	4.55E-05	9.73E-05	8.09E-05	7.85E-05	7.87E-05	7.85E-05	5.23E-05	2.29E-05
1059	560776.11	4192375.12	1.64E-04	1.25E-04	1.22E-04	1.22E-04	1.22E-04	9.04E-05	5.48E-05	1.17E-04	9.75E-05	9.46E-05	9.48E-05	9.46E-05	6.31E-05	2.76E-05
1060	560774.15	4192383.89	1.55E-04	1.18E-04	1.15E-04	1.15E-04	1.15E-04	8.54E-05	5.18E-05	1.11E-04	9.21E-05	8.93E-05	8.96E-05	8.93E-05	5.95E-05	2.61E-05
1061	560770.24	4192401.44	1.37E-04	1.04E-04	1.02E-04	1.02E-04	1.02E-04	7.54E-05	4.57E-05	9.77E-05	8.12E-05	7.88E-05	7.90E-05	7.88E-05	5.25E-05	2.30E-05
1062	560766.32	4192419	1.19E-04	9.08E-05	8.85E-05	8.88E-05	8.85E-05	6.56E-05	3.98E-05	8.51E-05	7.08E-05	6.86E-05	6.88E-05	6.86E-05	4.58E-05	2.00E-05
1063	560766.35	4192372.94	1.54E-04	1.17E-04	1.14E-04	1.15E-04	1.14E-04	8.49E-05	5.15E-05	1.10E-04	9.15E-05	8.88E-05	8.90E-05	8.88E-05	5.92E-05	2.59E-05
1064	560762.44	4192390.49	1.37E-04	1.04E-04	1.02E-04	1.02E-04	1.02E-04	7.55E-05	4.58E-05	9.79E-05	8.14E-05	7.90E-05	7.92E-05	7.90E-05	5.26E-05	2.30E-05
1065	560758.52	4192408.04	1.20E-04	9.17E-05	8.94E-05	8.96E-05	8.94E-05	6.63E-05	4.02E-05	8.59E-05	7.15E-05	6.93E-05	6.95E-05	6.93E-05	4.62E-05	2.02E-05
1066	560756.59	4192370.76	1.45E-04	1.10E-04	1.08E-04	1.08E-04	1.08E-04	7.99E-05	4.84E-05	1.04E-04	8.61E-05	8.35E-05	8.37E-05	8.35E-05	5.57E-05	2.44E-05
1067	560752.68	4192388.32	1.29E-04	9.84E-05	9.59E-05	9.61E-05	9.59E-05	7.11E-05	4.31E-05	9.22E-05	7.66E-05	7.43E-05	7.46E-05	7.43E-05	4.96E-05	2.17E-05
1068	560748.76	4192405.87	1.13E-04	8.65E-05	8.43E-05	8.45E-05	8.43E-05	6.25E-05	3.79E-05	8.10E-05	6.74E-05	6.54E-05	6.56E-05	6.54E-05	4.36E-05	1.91E-05
1069	560746.8	4192414.64	1.06E-04	8.08E-05	7.87E-05	7.89E-05	7.87E-05	5.84E-05	3.54E-05	7.57E-05	6.29E-05	6.10E-05	6.12E-05	6.10E-05	4.07E-05	1.78E-05
1070	560746.83	4192368.59	1.36E-04	1.04E-04	1.01E-04	1.02E-04	1.01E-04	7.53E-05	4.56E-05	9.76E-05	8.11E-05	7.87E-05	7.89E-05	7.87E-05	5.25E-05	2.30E-05
1071	560742.92	4192386.14	1.22E-04	9.28E-05	9.05E-05	9.07E-05	9.05E-05	6.71E-05	4.07E-05	8.70E-05	7.23E-05	7.02E-05	7.03E-05	7.02E-05	4.68E-05	2.05E-05
1072	560739	4192403.69	1.07E-04	8.17E-05	7.97E-05	7.99E-05	7.97E-05	5.91E-05	3.58E-05	7.66E-05	6.37E-05	6.18E-05	6.20E-05	6.18E-05	4.12E-05	1.80E-05
1073	560739.03	4192357.63	1.36E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	7.49E-05	4.54E-05	9.71E-05	8.07E-05	7.83E-05	7.85E-05	7.83E-05	5.22E-05	2.29E-05
1074	560735.11	4192375.19	1.22E-04	9.30E-05	9.07E-05	9.09E-05	9.07E-05	6.72E-05	4.08E-05	8.72E-05	7.25E-05	7.03E-05	7.05E-05	7.03E-05	4.69E-05	2.05E-05
1075	560731.2	4192392.74	1.08E-04	8.25E-05	8.04E-05	8.07E-05	8.04E-05	5.96E-05	3.62E-05	7.73E-05	6.43E-05	6.24E-05	6.25E-05	6.24E-05	4.16E-05	1.82E-05
1076	560727.28	4192410.29	9.49E-05	7.24E-05	7.06E-05	7.08E-05	7.06E-05	5.23E-05	3.17E-05	6.79E-05	5.64E-05	5.47E-05	5.49E-05	5.47E-05	3.65E-05	1.60E-05
1077	560729.27	4192355.46	1.28E-04	9.79E-05	9.55E-05	9.57E-05	9.55E-05	7.08E-05	4.29E-05	9.18E-05	7.63E-05	7.40E-05	7.42E-05	7.40E-05	4.94E-05	2.16E-05
1078	560725.35	4192373.01	1.15E-04	8.80E-05	8.58E-05	8.60E-05	8.58E-05	6.36E-05	3.86E-05	8.25E-05	6.86E-05	6.65E-05	6.67E-05	6.65E-05	4.44E-05	1.94E-05
1079	560721.44	4192390.56	1.02E-04	7.82E-05	7.62E-05	7.64E-05	7.62E-05	5.65E-05	3.43E-05	7.33E-05	6.09E-05	5.91E-05	5.93E-05	5.91E-05	3.94E-05	1.73E-05
1080	560717.52	4192408.11	9.01E-05	6.88E-05	6.70E-05	6.72E-05	6.70E-05	4.97E-05	3.01E-05	6.44E-05	5.36E-05	5.20E-05	5.21E-05	5.20E-05	3.47E-05	1.52E-05
1081	560719.51	4192353.28	1.22E-04	9.28E-05	9.04E-05	9.07E-05	9.04E-05	6.71E-05	4.06E-05	8.69E-05	7.23E-05	7.01E-05	7.03E-05	7.01E-05	4.67E-05	2.05E-05
1082	560715.59	4192370.83	1.09E-04	8.35E-05	8.14E-05	8.16E-05	8.14E-05	6.03E-05	3.66E-05	7.82E-05	6.50E-05	6.31E-05	6.33E-05	6.31E-05	4.21E-05	1.84E-05
1083	560711.68	4192388.38	9.73E-05	7.43E-05	7.24E-05	7.26E-05	7.24E-05	5.37E-05	3.25E-05	6.96E-05	5.79E-05	5.61E-05	5.63E-05	5.61E-05	3.74E-05	1.64E-05
1084	560707.76	4192405.94	8.57E-05	6.54E-05	6.37E-05	6.39E-05	6.37E-05	4.73E-05	2.87E-05	6.13E-05	5.10E-05	4.94E-05	4.96E-05	4.94E-05	3.30E-05	1.44E-05
1085	560709.75	4192351.1	1.15E-04	8.80E-05	8.58E-05	8.60E-05	8.58E-05	6.36E-05	3.86E-05	8.24E-05	6.86E-05	6.65E-05	6.67E-05	6.65E-05	4.43E-05	1.94E-05
1086	560707.79	4192359.88	1.10E-04	8.36E-05	8.15E-05	8.17E-05	8.15E-05	6.04E-05	3.66E-05	7.84E-05	6.52E-05	6.32E-05	6.34E-05	6.32E-05	4.21E-05	1.84E-05
1087	560703.87	4192377.43	9.81E-05	7.49E-05	7.30E-05	7.32E-05	7.30E-05	5.41E-05	3.28E-05	7.02E-05	5.84E-05	5.66E-05	5.68E-05	5.66E-05	3.77E-05	1.65E-05
1088	560699.96	4192394.98	8.70E-05	6.64E-05	6.47E-05	6.49E-05	6.47E-05	4.80E-05	2.91E-05	6.22E-05	5.17E-05	5.02E-05	5.03E-05	5.02E-05	3.35E-05	1.46E-05
1089	560699.99	4192348.93	1.09E-04	8.36E-05	8.15E-05	8.17E-05	8.15E-05	6.04E-05	3.66E-05	7.83E-05	6.51E-05	6.32E-05	6.33E-05	6.32E-05	4.21E-05	1.84E-05
1090	560696.07	4192366.48	9.87E-05	7.53E-05	7.34E-05	7.36E-05	7.34E-05	5.45E-05	3.30E-05	7.06E-05	5.87E-05	5.69E-05	5.71E-05	5.69E-05	3.80E-05	1.66E-05
1091	560692.16	4192384.03	8.81E-05	6.72E-05	6.55E-05	6.57E-05	6.55E-05	4.86E-05	2.95E-05	6.30E-05	5.24E-05	5.08E-05	5.09E-05	5.08E-05	3.39E-05	1.48E-05
1092	560688.24	4192401.58	7.78E-05	5.94E-05	5.79E-05	5.81E-05	5.79E-05	4.29E-05	2.60E-05	5.57E-05	4.63E-05	4.49E-05	4.50E-05	4.49E-05	2.99E-05	1.31E-05
1093	560852.07	4192453.7	2.09E-04	1.59E-04	1.55E-04	1.56E-04	1.55E-04	1.15E-04	6.98E-05	1.49E-04	1.24E-04	1.20E-04	1.21E-04	1.20E-04	8.02E-05	3.51E-05
1094	560842.16	4192452.6	1.88E-04	1.43E-04	1.40E-04	1.40E-04	1.40E-04	1.04E-04	6.28E-05	1.34E-04	1.12E-04	1.08E-04	1.09E-04	1.08E-04	7.22E-05	3.16E-05
1095	560840.53	4192469.82	1.65E-04	1.26E-04	1.22E-04	1.23E-04	1.22E-04	9.08E-05	5.51E-05	1.18E-04	9.79E-05	9.50E-05	9.53E-05	9.50E-05	6.33E-05	2.77E-05
1096	560832.25	4192451.5	1.71E-04	1.31E-04	1.27E-04	1.28E-04	1.27E-04	9.44E-05	5.72E-05	1.22E-04	1.02E-04	9.87E-05	9.89E-05	9.87E-05	6.58E-05	2.88E-05
1097	560830.55	4192469.27	1.49E-04	1.14E-04	1.11E-04	1.11E-04	1.11E-04	8.24E-05	4.99E-05	1.07E-04	8.88E-05	8.61E-05	8.64E-05	8.61E-05	5.74E-05	2.51E-05
1098	560822.03	4192452.7	1.53E-04	1.17E-04	1.14E-04	1.14E-04	1.14E-04	8.45E-05	5.12E-05	1.10E-04	9.11E-05	8.84E-05	8.86E-05	8.84E-05	5.89E-05	2.58E-05
1099	560823.93	4192438.94	1.72E-04	1.31E-04	1.28E-04	1.28E-04	1.28E-04	9.47E-05	5.74E-05	1.23E-04	1.02E-04	9.90E-05	9.92E-05	9.90E-05	6.60E-05	2.89E-05
1100	560820.56	4192468.71	1.35E-04	1.03E-04	1.01E-04	1.01E-04	1.01E-04	7.47E-05	4.53E-05	9.68E-05	8.05E-05	7.81E-05	7.83E-05	7.81E-05	5.20E-05	2.28E-05

1101	560812.1	4192451.74	1.40E-04	1.07E-04	1.04E-04	1.04E-04	1.04E-04	1.04E-04	7.73E-05	4.68E-05	1.00E-04	8.33E-05	8.08E-05	8.10E-05	8.08E-05	5.39E-05	2.36E-05
1102	560810.58	4192468.15	1.23E-04	9.40E-05	9.16E-05	9.19E-05	9.16E-05	6.80E-05	4.12E-05	8.81E-05	7.33E-05	7.11E-05	7.13E-05	7.11E-05	4.74E-05	2.07E-05	
1103	560802.17	4192450.77	1.29E-04	9.82E-05	9.58E-05	9.60E-05	9.58E-05	7.10E-05	4.30E-05	9.21E-05	7.66E-05	7.43E-05	7.45E-05	7.43E-05	4.95E-05	2.17E-05	
1104	560804.3	4192435.39	1.46E-04	1.12E-04	1.09E-04	1.09E-04	1.09E-04	8.06E-05	4.89E-05	1.04E-04	8.69E-05	8.43E-05	8.45E-05	8.43E-05	5.62E-05	2.46E-05	
1105	560800.6	4192467.59	1.13E-04	8.60E-05	8.39E-05	8.41E-05	8.39E-05	6.22E-05	3.77E-05	8.06E-05	6.70E-05	6.50E-05	6.52E-05	6.50E-05	4.34E-05	1.90E-05	
1106	560792.24	4192449.81	1.19E-04	9.07E-05	8.84E-05	8.86E-05	8.84E-05	6.55E-05	3.97E-05	8.50E-05	7.07E-05	6.85E-05	6.87E-05	6.85E-05	4.57E-05	2.00E-05	
1107	560794.48	4192433.62	1.36E-04	1.04E-04	1.01E-04	1.01E-04	1.01E-04	7.48E-05	4.54E-05	9.70E-05	8.07E-05	7.83E-05	7.85E-05	7.83E-05	5.22E-05	2.28E-05	
1108	560782.31	4192448.85	1.10E-04	8.40E-05	8.19E-05	8.21E-05	8.19E-05	6.07E-05	3.68E-05	7.87E-05	6.55E-05	6.35E-05	6.37E-05	6.35E-05	4.23E-05	1.85E-05	
1109	560784.67	4192431.85	1.26E-04	9.65E-05	9.40E-05	9.43E-05	9.40E-05	6.97E-05	4.23E-05	9.04E-05	7.52E-05	7.29E-05	7.31E-05	7.29E-05	4.86E-05	2.13E-05	
1110	560772.39	4192447.89	1.02E-04	7.81E-05	7.62E-05	7.64E-05	7.62E-05	5.65E-05	3.42E-05	7.32E-05	6.09E-05	5.91E-05	5.92E-05	5.91E-05	3.94E-05	1.72E-05	
1111	560773.62	4192438.98	1.10E-04	8.40E-05	8.19E-05	8.21E-05	8.19E-05	6.07E-05	3.68E-05	7.87E-05	6.55E-05	6.35E-05	6.37E-05	6.35E-05	4.23E-05	1.85E-05	
1112	560774.85	4192430.08	1.18E-04	9.02E-05	8.79E-05	8.82E-05	8.79E-05	6.52E-05	3.95E-05	8.45E-05	7.03E-05	6.82E-05	6.84E-05	6.82E-05	4.55E-05	1.99E-05	
1113	560762.2	4192448.78	9.41E-05	7.18E-05	7.00E-05	7.02E-05	7.00E-05	5.19E-05	3.15E-05	6.73E-05	5.59E-05	5.43E-05	5.44E-05	5.43E-05	3.62E-05	1.58E-05	
1114	560764.26	4192433.89	1.06E-04	8.09E-05	7.89E-05	7.91E-05	7.89E-05	5.85E-05	3.55E-05	7.58E-05	6.31E-05	6.12E-05	6.13E-05	6.12E-05	4.08E-05	1.79E-05	
1115	560752.26	4192447.9	8.79E-05	6.71E-05	6.54E-05	6.56E-05	6.54E-05	4.85E-05	2.94E-05	6.29E-05	5.23E-05	5.07E-05	5.09E-05	5.07E-05	3.38E-05	1.48E-05	
1116	560754.41	4192432.36	9.95E-05	7.60E-05	7.40E-05	7.42E-05	7.40E-05	5.49E-05	3.33E-05	7.12E-05	5.92E-05	5.74E-05	5.76E-05	5.74E-05	3.83E-05	1.68E-05	
1117	560742.32	4192447.02	8.24E-05	6.29E-05	6.13E-05	6.15E-05	6.13E-05	4.55E-05	2.76E-05	5.90E-05	4.90E-05	4.76E-05	4.77E-05	4.76E-05	3.17E-05	1.39E-05	
1118	560744.56	4192430.83	9.36E-05	7.15E-05	6.97E-05	6.99E-05	6.97E-05	5.17E-05	3.13E-05	6.70E-05	5.57E-05	5.40E-05	5.42E-05	5.40E-05	3.60E-05	1.58E-05	
1119	560732.38	4192446.14	7.75E-05	5.91E-05	5.76E-05	5.78E-05	5.76E-05	4.27E-05	2.59E-05	5.54E-05	4.61E-05	4.47E-05	4.48E-05	4.47E-05	2.98E-05	1.30E-05	
1120	560734.71	4192429.3	8.83E-05	6.74E-05	6.57E-05	6.59E-05	6.57E-05	4.87E-05	2.95E-05	6.31E-05	5.25E-05	5.09E-05	5.11E-05	5.09E-05	3.40E-05	1.49E-05	
1121	560722.44	4192445.26	7.30E-05	5.57E-05	5.43E-05	5.44E-05	5.43E-05	4.03E-05	2.44E-05	5.22E-05	4.34E-05	4.21E-05	4.22E-05	4.21E-05	2.81E-05	1.23E-05	
1122	560724.86	4192427.77	8.34E-05	6.37E-05	6.21E-05	6.22E-05	6.21E-05	4.60E-05	2.79E-05	5.97E-05	4.96E-05	4.81E-05	4.83E-05	4.81E-05	3.21E-05	1.41E-05	
1123	560712.29	4192445.89	6.81E-05	5.19E-05	5.06E-05	5.08E-05	5.06E-05	3.75E-05	2.28E-05	4.87E-05	4.05E-05	3.93E-05	3.94E-05	3.93E-05	2.62E-05	1.15E-05	
1124	560714.38	4192430.78	7.63E-05	5.83E-05	5.68E-05	5.70E-05	5.68E-05	4.21E-05	2.55E-05	5.46E-05	4.54E-05	4.40E-05	4.42E-05	4.40E-05	2.94E-05	1.29E-05	
1125	560702.35	4192445.06	6.43E-05	4.91E-05	4.79E-05	4.80E-05	4.79E-05	3.55E-05	2.15E-05	4.60E-05	3.83E-05	3.71E-05	3.72E-05	3.71E-05	2.47E-05	1.08E-05	
1126	560704.51	4192429.41	7.23E-05	5.52E-05	5.38E-05	5.40E-05	5.38E-05	3.99E-05	2.42E-05	5.17E-05	4.30E-05	4.17E-05	4.19E-05	4.17E-05	2.78E-05	1.22E-05	
1127	560692.4	4192444.23	6.09E-05	4.65E-05	4.53E-05	4.55E-05	4.53E-05	3.36E-05	2.04E-05	4.36E-05	3.62E-05	3.51E-05	3.52E-05	3.51E-05	2.34E-05	1.03E-05	
1128	560694.64	4192428.04	6.87E-05	5.24E-05	5.11E-05	5.12E-05	5.11E-05	3.79E-05	2.30E-05	4.91E-05	4.08E-05	3.96E-05	3.97E-05	3.96E-05	2.64E-05	1.16E-05	
1129	560696.88	4192411.85	7.72E-05	5.89E-05	5.74E-05	5.76E-05	5.74E-05	4.26E-05	2.58E-05	5.52E-05	4.59E-05	4.45E-05	4.46E-05	4.45E-05	2.97E-05	1.30E-05	
1130	560682.45	4192443.41	5.78E-05	4.41E-05	4.30E-05	4.31E-05	4.30E-05	3.19E-05	1.93E-05	4.13E-05	3.44E-05	3.33E-05	3.34E-05	3.33E-05	2.22E-05	9.73E-06	
1131	560684.77	4192426.68	6.53E-05	4.98E-05	4.86E-05	4.87E-05	4.86E-05	3.60E-05	2.18E-05	4.67E-05	3.88E-05	3.77E-05	3.78E-05	3.77E-05	2.51E-05	1.10E-05	
1132	561570.52	4192469.82	7.64E-05	5.83E-05	5.68E-05	5.70E-05	5.68E-05	4.21E-05	2.56E-05	5.46E-05	4.54E-05	4.41E-05	4.42E-05	4.41E-05	2.94E-05	1.29E-05	
1133	561116.53	4192515.88	1.46E-02	1.11E-02	1.08E-02	1.09E-02	1.08E-02	8.03E-03	4.87E-03	1.04E-02	8.66E-03	8.40E-03	8.42E-03	8.40E-03	5.60E-03	2.45E-03	
1134	561122.24	4192517.22	1.45E-02	1.10E-02	1.08E-02	1.08E-02	1.08E-02	7.98E-03	4.84E-03	1.03E-02	8.61E-03	8.35E-03	8.37E-03	8.35E-03	5.57E-03	2.44E-03	
1135	561127.38	4192518.55	1.43E-02	1.09E-02	1.06E-02	1.06E-02	1.06E-02	7.86E-03	4.77E-03	1.02E-02	8.48E-03	8.22E-03	8.24E-03	8.22E-03	5.48E-03	2.40E-03	
1136	561132.34	4192519.69	1.40E-02	1.06E-02	1.04E-02	1.04E-02	1.04E-02	7.70E-03	4.67E-03	9.98E-03	8.30E-03	8.05E-03	8.07E-03	8.05E-03	5.37E-03	2.35E-03	
1137	561136.53	4192520.84	1.36E-02	1.04E-02	1.01E-02	1.02E-02	1.01E-02	7.51E-03	4.55E-03	9.74E-03	8.10E-03	7.86E-03	7.88E-03	7.86E-03	5.24E-03	2.29E-03	
1138	561141.67	4192521.79	1.31E-02	9.99E-03	9.74E-03	9.76E-03	9.74E-03	7.22E-03	4.38E-03	9.36E-03	7.78E-03	7.55E-03	7.57E-03	7.55E-03	5.03E-03	2.20E-03	
1139	561146.43	4192522.74	1.24E-02	9.48E-03	9.24E-03	9.26E-03	9.24E-03	6.85E-03	4.15E-03	8.88E-03	7.38E-03	7.16E-03	7.18E-03	7.16E-03	4.78E-03	2.09E-03	
1140	561149.48	4192523.69	1.18E-02	9.04E-03	8.81E-03	8.84E-03	8.81E-03	6.53E-03	3.96E-03	8.47E-03	7.04E-03	6.83E-03	6.85E-03	6.83E-03	4.56E-03	1.99E-03	

Max Yr		1	7.28E-02	5.21E-02
Row		32	T4iRev	T4fRev
		Col	4	5
		Adjustment	100%	72%
UTM X	UTM Y		Year 1	Year 1
1	561383.5	4192288	1.55E-03	1.11E-03
2	561389.4	4192263	1.49E-03	1.07E-03
3	561390.6	4192272	1.48E-03	1.06E-03
4	561391.9	4192281	1.46E-03	1.04E-03
5	561393.2	4192290	1.43E-03	1.02E-03
6	561396	4192243	1.41E-03	1.01E-03
7	561397.3	4192253	1.40E-03	1.00E-03
8	561398.7	4192263	1.39E-03	9.93E-04
9	561400	4192272	1.37E-03	9.82E-04
10	561401.4	4192282	1.35E-03	9.67E-04
11	561402.7	4192292	1.33E-03	9.51E-04
12	561404.4	4192237	1.31E-03	9.40E-04
13	561405.8	4192247	1.31E-03	9.37E-04
14	561407.1	4192256	1.30E-03	9.31E-04
15	561408.4	4192266	1.29E-03	9.22E-04
16	561409.7	4192276	1.27E-03	9.11E-04
17	561411.1	4192285	1.25E-03	8.97E-04
18	561412.4	4192295	1.23E-03	8.83E-04
19	561414.2	4192241	1.23E-03	8.77E-04
20	561415.5	4192250	1.22E-03	8.74E-04
21	561416.9	4192260	1.21E-03	8.67E-04
22	561418.2	4192269	1.20E-03	8.59E-04
23	561419.5	4192279	1.19E-03	8.48E-04
24	561420.8	4192288	1.17E-03	8.36E-04
25	561424	4192244	1.15E-03	8.23E-04
26	561425.3	4192253	1.14E-03	8.18E-04
27	561426.6	4192263	1.13E-03	8.12E-04
28	561356.3	4192418	2.01E-03	1.44E-03
29	561366	4192420	1.81E-03	1.29E-03
30	561375.8	4192422	1.64E-03	1.17E-03
31	561385.6	4192424	1.49E-03	1.06E-03
32	561405.1	4192428	1.25E-03	8.93E-04
33	561116	4192791	4.82E-03	3.44E-03
34	561414.9	4192431	1.15E-03	8.20E-04
35	561122.5	4192800	4.62E-03	3.31E-03
36	561424.6	4192433	1.05E-03	7.54E-04
37	561150.7	4192805	4.56E-03	3.26E-03
38	561140.9	4192806	4.52E-03	3.23E-03
39	561131.2	4192808	4.45E-03	3.18E-03
40	561121.5	4192809	4.37E-03	3.13E-03
41	561111.7	4192810	4.27E-03	3.06E-03
42	561432.3	4192444	9.88E-04	7.07E-04
43	561434.4	4192435	9.70E-04	6.94E-04
44	561166.7	4192812	4.36E-03	3.12E-03
45	561157	4192813	4.36E-03	3.12E-03
46	561147.4	4192815	4.33E-03	3.09E-03

47	561137.8	4192816	4.27E-03	3.06E-03
48	561128.1	4192817	4.20E-03	3.01E-03
49	561118.5	4192819	4.12E-03	2.95E-03
50	561422.8	4192533	1.08E-03	7.75E-04
51	561425	4192524	1.06E-03	7.58E-04
52	561442	4192447	9.11E-04	6.52E-04
53	561444.1	4192437	8.96E-04	6.41E-04
54	561182.4	4192819	4.13E-03	2.95E-03
55	561172.9	4192820	4.16E-03	2.97E-03
56	561163.3	4192822	4.16E-03	2.97E-03
57	561153.8	4192823	4.14E-03	2.96E-03
58	561144.2	4192824	4.10E-03	2.93E-03
59	561134.7	4192826	4.04E-03	2.89E-03
60	561125.1	4192827	3.97E-03	2.84E-03
61	561115.5	4192828	3.89E-03	2.78E-03
62	561432.6	4192535	1.01E-03	7.19E-04
63	561434.7	4192526	9.84E-04	7.03E-04
64	561451.8	4192449	8.44E-04	6.04E-04
65	561453.9	4192439	8.31E-04	5.94E-04
66	561216.9	4192823	3.69E-03	2.64E-03
67	561207.4	4192825	3.79E-03	2.71E-03
68	561197.9	4192826	3.87E-03	2.76E-03
69	561179	4192829	3.96E-03	2.83E-03
70	561169.5	4192830	3.97E-03	2.84E-03
71	561160	4192831	3.96E-03	2.83E-03
72	561150.5	4192833	3.93E-03	2.81E-03
73	561141.1	4192834	3.89E-03	2.78E-03
74	561131.6	4192835	3.83E-03	2.74E-03
75	561122.1	4192837	3.75E-03	2.68E-03
76	561112.6	4192838	3.67E-03	2.62E-03
77	561442.4	4192538	9.35E-04	6.69E-04
78	561444.5	4192528	9.14E-04	6.54E-04
79	561461.5	4192451	7.84E-04	5.61E-04
80	561463.7	4192441	7.73E-04	5.53E-04
81	561241.5	4192829	3.26E-03	2.33E-03
82	561232	4192830	3.38E-03	2.42E-03
83	561222.6	4192832	3.50E-03	2.50E-03
84	561213.2	4192833	3.59E-03	2.57E-03
85	561203.8	4192834	3.67E-03	2.62E-03
86	561185	4192837	3.77E-03	2.70E-03
87	561175.6	4192838	3.79E-03	2.71E-03
88	561166.2	4192840	3.79E-03	2.71E-03
89	561156.8	4192841	3.77E-03	2.70E-03
90	561147.4	4192842	3.74E-03	2.67E-03
91	561138	4192844	3.69E-03	2.64E-03
92	561128.6	4192845	3.62E-03	2.59E-03
93	561119.2	4192846	3.55E-03	2.54E-03
94	561109.7	4192848	3.47E-03	2.48E-03
95	561452.1	4192540	8.71E-04	6.23E-04
96	561454.2	4192530	8.51E-04	6.09E-04
97	561471.3	4192453	7.30E-04	5.22E-04
98	561473.4	4192443	7.20E-04	5.15E-04

99	561264.2	4192835	2.85E-03	2.04E-03
100	561254.4	4192837	2.99E-03	2.14E-03
101	561244.7	4192838	3.12E-03	2.23E-03
102	561235	4192839	3.24E-03	2.32E-03
103	561225.2	4192841	3.35E-03	2.39E-03
104	561215.5	4192842	3.44E-03	2.46E-03
105	561205.8	4192843	3.52E-03	2.51E-03
106	561196	4192845	3.57E-03	2.56E-03
107	561176.6	4192848	3.63E-03	2.60E-03
108	561166.8	4192849	3.63E-03	2.59E-03
109	561157.1	4192850	3.60E-03	2.58E-03
110	561147.4	4192852	3.57E-03	2.55E-03
111	561137.6	4192853	3.51E-03	2.51E-03
112	561127.9	4192855	3.45E-03	2.47E-03
113	561118.2	4192856	3.37E-03	2.41E-03
114	561461.9	4192542	8.12E-04	5.81E-04
115	561464	4192532	7.94E-04	5.68E-04
116	561476.8	4192475	7.02E-04	5.02E-04
117	561481.1	4192455	6.81E-04	4.87E-04
118	561483.2	4192446	6.71E-04	4.80E-04
119	561269.6	4192844	2.70E-03	1.93E-03
120	561260	4192845	2.83E-03	2.03E-03
121	561250.3	4192846	2.96E-03	2.12E-03
122	561240.7	4192848	3.07E-03	2.20E-03
123	561231	4192849	3.18E-03	2.27E-03
124	561221.4	4192851	3.27E-03	2.34E-03
125	561211.7	4192852	3.35E-03	2.39E-03
126	561202.1	4192853	3.40E-03	2.43E-03
127	561173.1	4192857	3.48E-03	2.49E-03
128	561163.4	4192859	3.46E-03	2.48E-03
129	561153.8	4192860	3.43E-03	2.45E-03
130	561144.1	4192861	3.39E-03	2.42E-03
131	561134.5	4192863	3.33E-03	2.38E-03
132	561325.6	4192378	2.78E-03	1.98E-03
133	561328	4192369	2.67E-03	1.91E-03
134	561330.5	4192360	2.58E-03	1.85E-03
135	561335.3	4192380	2.48E-03	1.77E-03
136	561337.7	4192371	2.39E-03	1.71E-03
137	561340.1	4192362	2.31E-03	1.65E-03
138	561344.9	4192383	2.23E-03	1.60E-03
139	561347.4	4192374	2.16E-03	1.54E-03
140	561349.8	4192365	2.09E-03	1.49E-03
141	561354.6	4192385	2.01E-03	1.44E-03
142	561357	4192376	1.95E-03	1.40E-03
143	561359.5	4192367	1.89E-03	1.35E-03
144	561361.9	4192358	1.84E-03	1.31E-03
145	561359.4	4192406	1.93E-03	1.38E-03
146	561361.9	4192397	1.88E-03	1.34E-03
147	561364.3	4192388	1.82E-03	1.30E-03
148	561366.7	4192379	1.77E-03	1.27E-03
149	561369.1	4192370	1.72E-03	1.23E-03
150	561371.5	4192361	1.68E-03	1.20E-03

151	561374	4192352	1.64E-03	1.17E-03
152	561376.4	4192343	1.60E-03	1.14E-03
153	561378.8	4192333	1.57E-03	1.12E-03
154	561381.2	4192324	1.54E-03	1.10E-03
155	561383.6	4192315	1.52E-03	1.08E-03
156	561369.1	4192409	1.75E-03	1.25E-03
157	561371.5	4192400	1.70E-03	1.21E-03
158	561373.9	4192391	1.65E-03	1.18E-03
159	561376.4	4192382	1.61E-03	1.15E-03
160	561378.8	4192372	1.57E-03	1.12E-03
161	561381.2	4192363	1.54E-03	1.10E-03
162	561383.6	4192354	1.50E-03	1.07E-03
163	561386	4192345	1.47E-03	1.05E-03
164	561388.5	4192336	1.44E-03	1.03E-03
165	561390.9	4192327	1.42E-03	1.02E-03
166	561393.3	4192318	1.40E-03	1.00E-03
167	561378.8	4192411	1.59E-03	1.13E-03
168	561381.2	4192402	1.54E-03	1.10E-03
169	561383.6	4192393	1.50E-03	1.08E-03
170	561386	4192384	1.47E-03	1.05E-03
171	561388.4	4192375	1.44E-03	1.03E-03
172	561390.9	4192366	1.41E-03	1.01E-03
173	561393.3	4192357	1.38E-03	9.88E-04
174	561395.7	4192348	1.36E-03	9.69E-04
175	561398.1	4192339	1.33E-03	9.53E-04
176	561400.5	4192330	1.31E-03	9.40E-04
177	561403	4192320	1.30E-03	9.28E-04
178	561407.8	4192419	1.22E-03	8.71E-04
179	561410.2	4192410	1.19E-03	8.52E-04
180	561412.6	4192401	1.17E-03	8.34E-04
181	561415	4192392	1.14E-03	8.18E-04
182	561417.4	4192383	1.13E-03	8.05E-04
183	561419.9	4192374	1.11E-03	7.92E-04
184	561422.3	4192365	1.09E-03	7.80E-04
185	561424.7	4192355	1.08E-03	7.69E-04
186	561427.1	4192346	1.06E-03	7.59E-04
187	561429.5	4192337	1.05E-03	7.51E-04
188	561432	4192328	1.04E-03	7.45E-04
189	561417.4	4192422	1.12E-03	8.02E-04
190	561419.8	4192413	1.10E-03	7.85E-04
191	561422.3	4192403	1.08E-03	7.70E-04
192	561424.7	4192394	1.06E-03	7.56E-04
193	561427.1	4192385	1.04E-03	7.44E-04
194	561429.5	4192376	1.03E-03	7.33E-04
195	561431.9	4192367	1.01E-03	7.23E-04
196	561434.4	4192358	9.98E-04	7.14E-04
197	561436.8	4192349	9.86E-04	7.05E-04
198	561439.2	4192340	9.77E-04	6.99E-04
199	561441.6	4192331	9.70E-04	6.94E-04
200	561429.5	4192415	1.01E-03	7.24E-04
201	561431.9	4192406	9.95E-04	7.12E-04
202	561434.3	4192397	9.80E-04	7.01E-04

203	561436.8	4192388	9.65E-04	6.90E-04
204	561439.2	4192379	9.51E-04	6.80E-04
205	561441.6	4192370	9.39E-04	6.71E-04
206	561444	4192361	9.28E-04	6.64E-04
207	561446.4	4192351	9.19E-04	6.57E-04
208	561448.9	4192342	9.12E-04	6.52E-04
209	561451.3	4192333	9.07E-04	6.49E-04
210	561439.2	4192418	9.36E-04	6.69E-04
211	561441.6	4192409	9.22E-04	6.59E-04
212	561444	4192400	9.09E-04	6.50E-04
213	561446.4	4192390	8.96E-04	6.41E-04
214	561448.8	4192381	8.84E-04	6.32E-04
215	561451.3	4192372	8.74E-04	6.25E-04
216	561453.7	4192363	8.65E-04	6.19E-04
217	561456.1	4192354	8.59E-04	6.14E-04
218	561458.5	4192345	8.54E-04	6.10E-04
219	561460.9	4192336	8.50E-04	6.08E-04
220	561448.8	4192420	8.67E-04	6.20E-04
221	561451.2	4192411	8.55E-04	6.11E-04
222	561453.7	4192402	8.44E-04	6.03E-04
223	561456.1	4192393	8.33E-04	5.96E-04
224	561458.5	4192384	8.23E-04	5.89E-04
225	561460.9	4192375	8.14E-04	5.82E-04
226	561463.4	4192366	8.07E-04	5.77E-04
227	561465.8	4192357	8.03E-04	5.74E-04
228	561468.2	4192348	8.00E-04	5.72E-04
229	561470.6	4192338	7.98E-04	5.71E-04
230	561458.5	4192423	8.06E-04	5.76E-04
231	561460.9	4192414	7.95E-04	5.68E-04
232	561463.3	4192405	7.85E-04	5.61E-04
233	561465.8	4192396	7.76E-04	5.55E-04
234	561468.2	4192386	7.67E-04	5.49E-04
235	561470.6	4192377	7.60E-04	5.44E-04
236	561473	4192368	7.55E-04	5.40E-04
237	561475.4	4192359	7.52E-04	5.38E-04
238	561477.9	4192350	7.50E-04	5.36E-04
239	561480.3	4192341	7.49E-04	5.35E-04
240	561468.2	4192425	7.51E-04	5.37E-04
241	561470.6	4192416	7.41E-04	5.30E-04
242	561473	4192407	7.32E-04	5.23E-04
243	561475.4	4192398	7.24E-04	5.18E-04
244	561477.8	4192389	7.18E-04	5.13E-04
245	561480.3	4192380	7.13E-04	5.10E-04
246	561482.7	4192371	7.09E-04	5.07E-04
247	561485.1	4192362	7.06E-04	5.05E-04
248	561487.5	4192353	7.05E-04	5.04E-04
249	561489.9	4192344	7.03E-04	5.03E-04
250	561477.8	4192428	7.01E-04	5.01E-04
251	561480.2	4192419	6.92E-04	4.95E-04
252	561482.7	4192410	6.85E-04	4.90E-04
253	561485.1	4192401	6.78E-04	4.85E-04
254	561487.5	4192392	6.73E-04	4.81E-04

255	561489.9	4192383	6.69E-04	4.79E-04
256	561492.3	4192373	6.66E-04	4.76E-04
257	561494.8	4192364	6.64E-04	4.75E-04
258	561497.2	4192355	6.63E-04	4.74E-04
259	561499.6	4192346	6.62E-04	4.73E-04
260	561487.5	4192431	6.55E-04	4.68E-04
261	561489.9	4192421	6.48E-04	4.63E-04
262	561492.3	4192412	6.41E-04	4.59E-04
263	561494.7	4192403	6.36E-04	4.55E-04
264	561497.2	4192394	6.32E-04	4.52E-04
265	561499.6	4192385	6.29E-04	4.50E-04
266	561502	4192376	6.27E-04	4.48E-04
267	561504.4	4192367	6.26E-04	4.47E-04
268	561506.8	4192358	6.25E-04	4.47E-04
269	561509.3	4192349	6.25E-04	4.47E-04
270	561401.8	4192218	1.31E-03	9.36E-04
271	561403.1	4192228	1.31E-03	9.39E-04
272	561410.3	4192212	1.22E-03	8.73E-04
273	561411.6	4192222	1.23E-03	8.77E-04
274	561412.9	4192231	1.23E-03	8.78E-04
275	561417.5	4192197	1.13E-03	8.09E-04
276	561418.8	4192207	1.14E-03	8.16E-04
277	561420.1	4192216	1.15E-03	8.21E-04
278	561421.4	4192225	1.15E-03	8.24E-04
279	561422.7	4192235	1.15E-03	8.25E-04
280	561424.8	4192182	1.05E-03	7.51E-04
281	561426.1	4192192	1.06E-03	7.59E-04
282	561427.3	4192201	1.07E-03	7.66E-04
283	561428.6	4192210	1.08E-03	7.71E-04
284	561429.9	4192219	1.08E-03	7.75E-04
285	561431.2	4192229	1.09E-03	7.76E-04
286	561432.5	4192238	1.08E-03	7.75E-04
287	561434.9	4192189	1.00E-03	7.15E-04
288	561436.3	4192198	1.01E-03	7.22E-04
289	561437.6	4192208	1.02E-03	7.27E-04
290	561439	4192218	1.02E-03	7.30E-04
291	561445.7	4192266	1.00E-03	7.16E-04
292	561429.1	4192129	9.11E-04	6.52E-04
293	561438.2	4192145	8.95E-04	6.40E-04
294	561439.5	4192154	9.07E-04	6.49E-04
295	561440.8	4192164	9.19E-04	6.57E-04
296	561444.8	4192193	9.50E-04	6.79E-04
297	561452.8	4192250	9.57E-04	6.85E-04
298	561454.1	4192260	9.49E-04	6.79E-04
299	561455.4	4192269	9.39E-04	6.72E-04
300	561459.4	4192298	8.97E-04	6.42E-04
301	561460.7	4192308	8.81E-04	6.30E-04
302	561430.1	4192118	8.85E-04	6.33E-04
303	561437.7	4192124	8.59E-04	6.14E-04
304	561446.8	4192139	8.44E-04	6.03E-04
305	561448.1	4192149	8.54E-04	6.11E-04
306	561449.4	4192158	8.65E-04	6.18E-04

307	561450.7	4192168	8.75E-04	6.26E-04
308	561462.5	4192253	9.01E-04	6.44E-04
309	561463.8	4192263	8.93E-04	6.38E-04
310	561465.2	4192272	8.82E-04	6.31E-04
311	561466.5	4192282	8.70E-04	6.22E-04
312	561467.8	4192291	8.57E-04	6.13E-04
313	561469.1	4192301	8.42E-04	6.02E-04
314	561470.4	4192310	8.27E-04	5.91E-04
315	561431.2	4192108	8.60E-04	6.15E-04
316	561438.8	4192113	8.34E-04	5.97E-04
317	561446.4	4192119	8.10E-04	5.79E-04
318	561455.4	4192134	7.97E-04	5.70E-04
319	561456.7	4192144	8.06E-04	5.76E-04
320	561458	4192153	8.15E-04	5.83E-04
321	561464.5	4192200	8.59E-04	6.15E-04
322	561465.8	4192210	8.64E-04	6.18E-04
323	561467.1	4192219	8.66E-04	6.19E-04
324	561472.3	4192257	8.49E-04	6.07E-04
325	561473.6	4192266	8.40E-04	6.01E-04
326	561474.9	4192275	8.30E-04	5.94E-04
327	561476.2	4192285	8.18E-04	5.85E-04
328	561477.5	4192294	8.05E-04	5.76E-04
329	561478.8	4192304	7.91E-04	5.66E-04
330	561480.1	4192313	7.77E-04	5.55E-04
331	561432.4	4192097	8.35E-04	5.97E-04
332	561439.9	4192103	8.11E-04	5.80E-04
333	561447.5	4192108	7.88E-04	5.63E-04
334	561455.1	4192114	7.66E-04	5.48E-04
335	561463.9	4192129	7.54E-04	5.39E-04
336	561470.4	4192176	8.00E-04	5.72E-04
337	561473	4192194	8.13E-04	5.82E-04
338	561474.3	4192204	8.18E-04	5.85E-04
339	561475.6	4192213	8.21E-04	5.87E-04
340	561476.9	4192222	8.21E-04	5.87E-04
341	561482	4192260	8.02E-04	5.73E-04
342	561483.3	4192269	7.93E-04	5.67E-04
343	561484.6	4192278	7.82E-04	5.59E-04
344	561485.9	4192288	7.70E-04	5.51E-04
345	561487.2	4192297	7.58E-04	5.42E-04
346	561488.5	4192306	7.44E-04	5.32E-04
347	561489.8	4192316	7.31E-04	5.23E-04
348	561439.9	4192091	7.92E-04	5.66E-04
349	561447.7	4192097	7.68E-04	5.50E-04
350	561455.6	4192103	7.46E-04	5.34E-04
351	561463.4	4192109	7.26E-04	5.19E-04
352	561476.6	4192153	7.37E-04	5.27E-04
353	561477.9	4192163	7.45E-04	5.33E-04
354	561479.3	4192173	7.58E-04	5.42E-04
355	561483.3	4192202	7.76E-04	5.55E-04
356	561484.6	4192211	7.78E-04	5.57E-04
357	561486	4192221	7.79E-04	5.57E-04
358	561487.3	4192231	7.77E-04	5.56E-04

359	561491.3	4192260	7.61E-04	5.44E-04
360	561492.7	4192269	7.51E-04	5.37E-04
361	561494	4192279	7.40E-04	5.30E-04
362	561495.3	4192289	7.29E-04	5.21E-04
363	561496.7	4192298	7.17E-04	5.12E-04
364	561498	4192308	7.03E-04	5.03E-04
365	561499.3	4192318	6.89E-04	4.93E-04
366	561409.9	4192058	8.77E-04	6.27E-04
367	561433.2	4192075	7.94E-04	5.68E-04
368	561441	4192081	7.70E-04	5.51E-04
369	561448.8	4192086	7.48E-04	5.35E-04
370	561456.5	4192092	7.27E-04	5.20E-04
371	561464.3	4192098	7.07E-04	5.05E-04
372	561482.5	4192129	6.85E-04	4.90E-04
373	561483.8	4192138	6.92E-04	4.95E-04
374	561485.2	4192148	6.99E-04	5.00E-04
375	561486.5	4192157	7.07E-04	5.05E-04
376	561487.8	4192167	7.14E-04	5.11E-04
377	561489.1	4192177	7.24E-04	5.18E-04
378	561493.1	4192205	7.38E-04	5.28E-04
379	561494.4	4192215	7.40E-04	5.29E-04
380	561495.8	4192225	7.40E-04	5.29E-04
381	561497.1	4192234	7.38E-04	5.28E-04
382	561498.4	4192244	7.34E-04	5.25E-04
383	561499.8	4192253	7.28E-04	5.21E-04
384	561501.1	4192263	7.20E-04	5.15E-04
385	561502.4	4192272	7.10E-04	5.08E-04
386	561503.7	4192282	6.99E-04	5.00E-04
387	561505.1	4192292	6.88E-04	4.92E-04
388	561506.4	4192301	6.77E-04	4.84E-04
389	561507.7	4192311	6.64E-04	4.75E-04
390	561509	4192320	6.51E-04	4.66E-04
391	561411.4	4192047	8.52E-04	6.09E-04
392	561419.1	4192053	8.24E-04	5.89E-04
393	561426.8	4192059	7.97E-04	5.70E-04
394	561434.5	4192064	7.73E-04	5.53E-04
395	561442.2	4192070	7.50E-04	5.36E-04
396	561449.9	4192076	7.28E-04	5.21E-04
397	561457.6	4192082	7.08E-04	5.06E-04
398	561465.3	4192087	6.89E-04	4.92E-04
399	561473	4192093	6.70E-04	4.79E-04
400	561489.8	4192114	6.41E-04	4.59E-04
401	561491.1	4192123	6.49E-04	4.64E-04
402	561492.4	4192133	6.57E-04	4.70E-04
403	561493.7	4192142	6.64E-04	4.75E-04
404	561495	4192152	6.71E-04	4.80E-04
405	561496.4	4192161	6.78E-04	4.85E-04
406	561497.7	4192171	6.86E-04	4.91E-04
407	561499	4192180	6.92E-04	4.95E-04
408	561502.9	4192209	7.03E-04	5.03E-04
409	561504.2	4192219	7.04E-04	5.04E-04
410	561505.6	4192228	7.03E-04	5.03E-04

411	561506.9	4192238	7.01E-04	5.01E-04
412	561508.2	4192247	6.97E-04	4.98E-04
413	561509.5	4192257	6.90E-04	4.93E-04
414	561510.8	4192266	6.82E-04	4.88E-04
415	561512.1	4192276	6.72E-04	4.81E-04
416	561513.5	4192285	6.63E-04	4.74E-04
417	561514.8	4192295	6.52E-04	4.66E-04
418	561516.1	4192304	6.40E-04	4.58E-04
419	561517.4	4192314	6.28E-04	4.49E-04
420	561518.7	4192323	6.16E-04	4.41E-04
421	560985.7	4192042	1.80E-03	1.29E-03
422	560991.7	4192030	1.76E-03	1.26E-03
423	560982.5	4192032	1.70E-03	1.21E-03
424	560988.6	4192021	1.66E-03	1.19E-03
425	560979.4	4192023	1.60E-03	1.14E-03
426	560985.5	4192011	1.56E-03	1.12E-03
427	560994.8	4192011	1.63E-03	1.17E-03
428	560976.2	4192013	1.51E-03	1.08E-03
429	560982.3	4192002	1.48E-03	1.06E-03
430	560991.8	4192002	1.54E-03	1.10E-03
431	561001.2	4192001	1.60E-03	1.15E-03
432	560973	4192004	1.43E-03	1.02E-03
433	560979.2	4191992	1.40E-03	1.00E-03
434	560988.7	4191992	1.46E-03	1.04E-03
435	560998.2	4191992	1.51E-03	1.08E-03
436	560969.9	4191994	1.35E-03	9.66E-04
437	560976.1	4191983	1.33E-03	9.49E-04
438	560985.6	4191983	1.38E-03	9.87E-04
439	560995.2	4191982	1.43E-03	1.03E-03
440	561004.7	4191982	1.49E-03	1.06E-03
441	560966.7	4191985	1.28E-03	9.16E-04
442	560972.9	4191973	1.26E-03	9.01E-04
443	560982.6	4191973	1.31E-03	9.37E-04
444	560992.2	4191973	1.36E-03	9.73E-04
445	561001.8	4191972	1.41E-03	1.01E-03
446	561011.4	4191972	1.46E-03	1.04E-03
447	560963.6	4191975	1.22E-03	8.70E-04
448	560969.7	4191964	1.20E-03	8.56E-04
449	560979	4191964	1.24E-03	8.89E-04
450	560988.4	4191963	1.29E-03	9.22E-04
451	560997.7	4191963	1.33E-03	9.54E-04
452	561007.1	4191962	1.38E-03	9.87E-04
453	560960.4	4191966	1.16E-03	8.27E-04
454	560966.5	4191954	1.14E-03	8.14E-04
455	560975.9	4191954	1.18E-03	8.45E-04
456	560985.3	4191954	1.23E-03	8.77E-04
457	560994.7	4191953	1.27E-03	9.07E-04
458	561004.1	4191953	1.31E-03	9.38E-04
459	561013.5	4191953	1.35E-03	9.68E-04
460	560957.3	4191956	1.10E-03	7.88E-04
461	560963.4	4191945	1.09E-03	7.76E-04
462	560972.9	4191945	1.13E-03	8.05E-04

463	560982.3	4191944	1.17E-03	8.35E-04
464	560991.8	4191944	1.21E-03	8.64E-04
465	561001.2	4191943	1.25E-03	8.93E-04
466	561010.7	4191943	1.29E-03	9.21E-04
467	561020.1	4191943	1.33E-03	9.49E-04
468	560954.1	4191947	1.05E-03	7.51E-04
469	560960.3	4191935	1.04E-03	7.40E-04
470	560969.8	4191935	1.07E-03	7.68E-04
471	560979.3	4191935	1.11E-03	7.96E-04
472	560988.8	4191934	1.15E-03	8.23E-04
473	560998.3	4191934	1.19E-03	8.51E-04
474	561007.8	4191934	1.23E-03	8.78E-04
475	561017.3	4191933	1.26E-03	9.04E-04
476	560951	4191937	1.00E-03	7.17E-04
477	560957.1	4191926	9.89E-04	7.07E-04
478	560966.7	4191926	1.03E-03	7.33E-04
479	560976.2	4191925	1.06E-03	7.60E-04
480	560985.8	4191925	1.10E-03	7.86E-04
481	560995.3	4191924	1.13E-03	8.11E-04
482	561004.9	4191924	1.17E-03	8.37E-04
483	561014.4	4191924	1.20E-03	8.62E-04
484	561023.9	4191923	1.24E-03	8.86E-04
485	560947.8	4191928	9.58E-04	6.85E-04
486	560941.5	4192192	3.01E-03	2.15E-03
487	560936.3	4192208	3.11E-03	2.22E-03
488	560933	4192224	3.25E-03	2.32E-03
489	560931.6	4192191	2.74E-03	1.96E-03
490	560938.5	4192177	2.70E-03	1.93E-03
491	560945.5	4192163	2.65E-03	1.89E-03
492	560952.5	4192149	2.58E-03	1.84E-03
493	560926.5	4192206	2.82E-03	2.02E-03
494	560923.2	4192222	2.94E-03	2.10E-03
495	560921.7	4192189	2.51E-03	1.79E-03
496	560928.4	4192176	2.47E-03	1.77E-03
497	560935.1	4192162	2.43E-03	1.74E-03
498	560941.8	4192149	2.38E-03	1.71E-03
499	560954.7	4192131	2.37E-03	1.70E-03
500	560916.7	4192204	2.57E-03	1.84E-03
501	560913.4	4192220	2.67E-03	1.91E-03
502	560912.1	4192186	2.29E-03	1.64E-03
503	560919.3	4192172	2.27E-03	1.62E-03
504	560926.6	4192158	2.23E-03	1.60E-03
505	560933.8	4192143	2.19E-03	1.56E-03
506	560947.7	4192124	2.18E-03	1.56E-03
507	560961.1	4192116	2.28E-03	1.63E-03
508	560906.9	4192202	2.35E-03	1.68E-03
509	560903.6	4192218	2.43E-03	1.74E-03
510	560902.2	4192185	2.11E-03	1.51E-03
511	560909.2	4192171	2.09E-03	1.49E-03
512	560916.1	4192157	2.06E-03	1.48E-03
513	560923.1	4192143	2.03E-03	1.45E-03
514	560930	4192129	1.98E-03	1.42E-03

515	560940	4192118	2.00E-03	1.43E-03
516	560953	4192109	2.09E-03	1.49E-03
517	560965.9	4192101	2.18E-03	1.56E-03
518	560897.1	4192200	2.16E-03	1.55E-03
519	560893.8	4192216	2.24E-03	1.60E-03
520	560892.3	4192183	1.96E-03	1.40E-03
521	560899.1	4192169	1.93E-03	1.38E-03
522	560905.8	4192156	1.91E-03	1.37E-03
523	560912.6	4192142	1.88E-03	1.35E-03
524	560919.3	4192129	1.85E-03	1.32E-03
525	560932.3	4192111	1.84E-03	1.32E-03
526	560944.9	4192103	1.92E-03	1.37E-03
527	560957.5	4192095	2.00E-03	1.43E-03
528	560970	4192087	2.07E-03	1.48E-03
529	560887.3	4192198	2.00E-03	1.43E-03
530	560884	4192213	2.06E-03	1.48E-03
531	560882.7	4192180	1.82E-03	1.30E-03
532	560889.9	4192166	1.80E-03	1.29E-03
533	560897.1	4192152	1.77E-03	1.27E-03
534	560904.2	4192137	1.74E-03	1.25E-03
535	560911.4	4192123	1.71E-03	1.22E-03
536	560925.2	4192105	1.71E-03	1.22E-03
537	560938.6	4192096	1.78E-03	1.27E-03
538	560951.9	4192087	1.86E-03	1.33E-03
539	560965.3	4192078	1.93E-03	1.38E-03
540	560978.6	4192069	2.00E-03	1.43E-03
541	560877.5	4192195	1.86E-03	1.33E-03
542	560874.2	4192211	1.91E-03	1.36E-03
543	560872.8	4192179	1.69E-03	1.21E-03
544	560879.8	4192165	1.68E-03	1.20E-03
545	560886.7	4192151	1.65E-03	1.18E-03
546	560893.7	4192137	1.63E-03	1.16E-03
547	560900.7	4192123	1.60E-03	1.14E-03
548	560907.6	4192109	1.57E-03	1.12E-03
549	560917.6	4192098	1.58E-03	1.13E-03
550	560930.5	4192089	1.64E-03	1.18E-03
551	560943.5	4192081	1.71E-03	1.23E-03
552	560956.4	4192072	1.78E-03	1.27E-03
553	560969.4	4192064	1.84E-03	1.32E-03
554	560867.7	4192193	1.73E-03	1.23E-03
555	560864.4	4192209	1.77E-03	1.27E-03
556	560862.9	4192177	1.58E-03	1.13E-03
557	560869.7	4192163	1.56E-03	1.12E-03
558	560876.5	4192150	1.54E-03	1.10E-03
559	560883.3	4192136	1.52E-03	1.09E-03
560	560890.1	4192123	1.50E-03	1.07E-03
561	560896.8	4192109	1.47E-03	1.05E-03
562	560909.9	4192091	1.47E-03	1.05E-03
563	560922.6	4192083	1.52E-03	1.09E-03
564	560935.2	4192075	1.58E-03	1.13E-03
565	560947.8	4192067	1.65E-03	1.18E-03
566	560960.4	4192058	1.70E-03	1.22E-03

567	560973	4192050	1.76E-03	1.26E-03
568	560857.9	4192191	1.61E-03	1.15E-03
569	560854.6	4192207	1.65E-03	1.18E-03
570	560853.3	4192174	1.48E-03	1.06E-03
571	560860.5	4192160	1.46E-03	1.04E-03
572	560867.6	4192146	1.44E-03	1.03E-03
573	560874.7	4192132	1.42E-03	1.01E-03
574	560881.9	4192117	1.39E-03	9.96E-04
575	560889	4192103	1.37E-03	9.77E-04
576	560902.8	4192085	1.37E-03	9.77E-04
577	560916.1	4192076	1.42E-03	1.02E-03
578	560929.4	4192067	1.48E-03	1.06E-03
579	560942.7	4192058	1.54E-03	1.10E-03
580	560955.9	4192050	1.60E-03	1.14E-03
581	560969.2	4192041	1.65E-03	1.18E-03
582	560848.1	4192189	1.50E-03	1.08E-03
583	560844.8	4192205	1.54E-03	1.10E-03
584	560843.4	4192172	1.39E-03	9.94E-04
585	560850.4	4192159	1.37E-03	9.82E-04
586	560857.4	4192145	1.36E-03	9.69E-04
587	560864.3	4192131	1.33E-03	9.53E-04
588	560871.3	4192117	1.31E-03	9.37E-04
589	560878.2	4192103	1.29E-03	9.19E-04
590	560885.2	4192089	1.26E-03	9.02E-04
591	560895.2	4192078	1.27E-03	9.11E-04
592	560908.1	4192070	1.32E-03	9.46E-04
593	560921.1	4192061	1.38E-03	9.84E-04
594	560934	4192052	1.43E-03	1.02E-03
595	560947	4192044	1.48E-03	1.06E-03
596	560959.9	4192035	1.53E-03	1.10E-03
597	560838.3	4192187	1.41E-03	1.01E-03
598	560835	4192203	1.44E-03	1.03E-03
599	560833.8	4192170	1.31E-03	9.35E-04
600	560841.1	4192156	1.29E-03	9.24E-04
601	560848.4	4192141	1.27E-03	9.11E-04
602	560855.7	4192127	1.25E-03	8.96E-04
603	560863	4192112	1.23E-03	8.80E-04
604	560870.3	4192097	1.21E-03	8.62E-04
605	560877.6	4192083	1.18E-03	8.45E-04
606	560888	4192071	1.19E-03	8.53E-04
607	560901.6	4192062	1.24E-03	8.87E-04
608	560915.1	4192053	1.29E-03	9.22E-04
609	560928.7	4192044	1.34E-03	9.60E-04
610	560942.3	4192035	1.39E-03	9.97E-04
611	560955.8	4192027	1.44E-03	1.03E-03
612	560828.5	4192185	1.33E-03	9.49E-04
613	560825.2	4192201	1.35E-03	9.68E-04
614	560823.9	4192168	1.23E-03	8.82E-04
615	560831.1	4192154	1.22E-03	8.75E-04
616	560838.2	4192140	1.21E-03	8.62E-04
617	560845.3	4192126	1.18E-03	8.47E-04
618	560852.4	4192112	1.17E-03	8.34E-04

619	560859.5	4192097	1.15E-03	8.19E-04
620	560866.6	4192083	1.12E-03	8.02E-04
621	560880.3	4192065	1.12E-03	7.99E-04
622	560893.6	4192056	1.16E-03	8.30E-04
623	560906.8	4192047	1.20E-03	8.61E-04
624	560920.1	4192039	1.25E-03	8.94E-04
625	560933.3	4192030	1.30E-03	9.28E-04
626	560946.6	4192021	1.34E-03	9.61E-04
627	560959.8	4192012	1.39E-03	9.92E-04
628	560818.7	4192183	1.25E-03	8.94E-04
629	560815.4	4192199	1.27E-03	9.11E-04
630	560814.1	4192166	1.17E-03	8.33E-04
631	560821	4192153	1.16E-03	8.28E-04
632	560828	4192139	1.14E-03	8.18E-04
633	560834.9	4192125	1.13E-03	8.05E-04
634	560841.9	4192111	1.11E-03	7.92E-04
635	560848.9	4192097	1.09E-03	7.77E-04
636	560855.8	4192083	1.07E-03	7.62E-04
637	560862.8	4192069	1.04E-03	7.47E-04
638	560872.7	4192058	1.05E-03	7.52E-04
639	560885.7	4192050	1.09E-03	7.79E-04
640	560898.6	4192041	1.13E-03	8.06E-04
641	560911.6	4192033	1.17E-03	8.35E-04
642	560924.5	4192024	1.21E-03	8.66E-04
643	560937.5	4192015	1.25E-03	8.97E-04
644	560950.5	4192007	1.30E-03	9.26E-04
645	560808.9	4192181	1.18E-03	8.44E-04
646	560805.6	4192197	1.20E-03	8.60E-04
647	560804.4	4192164	1.10E-03	7.89E-04
648	560811.7	4192150	1.10E-03	7.84E-04
649	560818.9	4192135	1.08E-03	7.74E-04
650	560826.2	4192121	1.07E-03	7.62E-04
651	560833.4	4192106	1.05E-03	7.48E-04
652	560840.7	4192092	1.03E-03	7.33E-04
653	560847.9	4192077	1.00E-03	7.19E-04
654	560855.2	4192063	9.86E-04	7.05E-04
655	560865.5	4192051	9.93E-04	7.10E-04
656	560879	4192042	1.03E-03	7.35E-04
657	560892.5	4192034	1.06E-03	7.61E-04
658	560906	4192025	1.10E-03	7.87E-04
659	560919.5	4192016	1.14E-03	8.18E-04
660	560933	4192007	1.19E-03	8.48E-04
661	560946.5	4191998	1.23E-03	8.77E-04
662	560799.1	4192179	1.12E-03	7.99E-04
663	560795.8	4192195	1.14E-03	8.12E-04
664	560794.5	4192162	1.05E-03	7.49E-04
665	560801.6	4192148	1.04E-03	7.44E-04
666	560808.7	4192134	1.03E-03	7.36E-04
667	560815.8	4192120	1.01E-03	7.25E-04
668	560822.9	4192106	9.95E-04	7.12E-04
669	560830	4192092	9.76E-04	6.98E-04
670	560837.1	4192077	9.57E-04	6.84E-04

671	560844.2	4192063	9.38E-04	6.71E-04
672	560857.9	4192045	9.35E-04	6.69E-04
673	560871.1	4192036	9.66E-04	6.91E-04
674	560884.3	4192027	1.00E-03	7.15E-04
675	560897.5	4192019	1.03E-03	7.39E-04
676	560910.7	4192010	1.07E-03	7.65E-04
677	560924	4192001	1.11E-03	7.93E-04
678	560937.2	4191993	1.15E-03	8.21E-04
679	560950.4	4191984	1.18E-03	8.46E-04
680	560789.4	4192177	1.06E-03	7.57E-04
681	560786.1	4192193	1.08E-03	7.69E-04
682	560784.7	4192160	9.95E-04	7.11E-04
683	560791.6	4192146	9.90E-04	7.08E-04
684	560798.6	4192133	9.79E-04	7.00E-04
685	560805.6	4192119	9.65E-04	6.90E-04
686	560812.5	4192105	9.49E-04	6.78E-04
687	560819.5	4192091	9.31E-04	6.66E-04
688	560826.4	4192077	9.12E-04	6.52E-04
689	560833.4	4192063	8.94E-04	6.40E-04
690	560840.4	4192049	8.78E-04	6.28E-04
691	560850.3	4192038	8.82E-04	6.31E-04
692	560863.3	4192030	9.10E-04	6.51E-04
693	560876.2	4192021	9.40E-04	6.72E-04
694	560889.2	4192013	9.73E-04	6.96E-04
695	560902.1	4192004	1.00E-03	7.18E-04
696	560915.1	4191996	1.04E-03	7.43E-04
697	560928	4191987	1.08E-03	7.69E-04
698	560941	4191978	1.11E-03	7.94E-04
699	560779.6	4192175	1.01E-03	7.19E-04
700	560776.3	4192191	1.02E-03	7.29E-04
701	560775	4192158	9.47E-04	6.77E-04
702	560782.2	4192144	9.42E-04	6.74E-04
703	560789.5	4192129	9.32E-04	6.67E-04
704	560796.7	4192115	9.18E-04	6.57E-04
705	560803.9	4192101	9.02E-04	6.45E-04
706	560811.1	4192086	8.84E-04	6.32E-04
707	560818.3	4192072	8.65E-04	6.19E-04
708	560825.5	4192057	8.47E-04	6.06E-04
709	560832.7	4192043	8.31E-04	5.94E-04
710	560843.1	4192031	8.35E-04	5.97E-04
711	560856.5	4192023	8.61E-04	6.15E-04
712	560869.9	4192014	8.90E-04	6.36E-04
713	560883.4	4192005	9.22E-04	6.59E-04
714	560896.8	4191996	9.53E-04	6.81E-04
715	560910.2	4191987	9.86E-04	7.05E-04
716	560923.7	4191978	1.02E-03	7.30E-04
717	560937.1	4191969	1.06E-03	7.55E-04
718	560769.8	4192173	9.56E-04	6.83E-04
719	560766.5	4192189	9.68E-04	6.92E-04
720	560765.2	4192156	9.02E-04	6.45E-04
721	560772.2	4192142	8.99E-04	6.43E-04
722	560779.3	4192128	8.90E-04	6.36E-04

723	560786.4	4192114	8.77E-04	6.28E-04
724	560793.5	4192100	8.62E-04	6.17E-04
725	560800.6	4192086	8.46E-04	6.05E-04
726	560807.6	4192072	8.28E-04	5.92E-04
727	560814.7	4192057	8.11E-04	5.80E-04
728	560821.8	4192043	7.95E-04	5.68E-04
729	560835.5	4192025	7.90E-04	5.65E-04
730	560848.7	4192016	8.13E-04	5.82E-04
731	560861.8	4192007	8.39E-04	6.00E-04
732	560875	4191999	8.68E-04	6.21E-04
733	560888.2	4191990	8.99E-04	6.43E-04
734	560901.4	4191981	9.27E-04	6.63E-04
735	560914.6	4191973	9.59E-04	6.86E-04
736	560927.7	4191964	9.91E-04	7.09E-04
737	560940.9	4191955	1.02E-03	7.31E-04
738	560760	4192171	9.10E-04	6.51E-04
739	560756.7	4192187	9.20E-04	6.58E-04
740	560755.3	4192154	8.61E-04	6.16E-04
741	560762.3	4192140	8.58E-04	6.14E-04
742	560769.2	4192127	8.51E-04	6.08E-04
743	560776.2	4192113	8.40E-04	6.00E-04
744	560783.1	4192099	8.26E-04	5.91E-04
745	560790.1	4192085	8.10E-04	5.79E-04
746	560797.1	4192071	7.94E-04	5.68E-04
747	560804	4192057	7.77E-04	5.56E-04
748	560811	4192043	7.62E-04	5.45E-04
749	560817.9	4192029	7.47E-04	5.34E-04
750	560827.9	4192018	7.49E-04	5.36E-04
751	560840.8	4192010	7.70E-04	5.50E-04
752	560853.8	4192001	7.93E-04	5.67E-04
753	560866.7	4191993	8.19E-04	5.85E-04
754	560879.7	4191984	8.47E-04	6.05E-04
755	560892.7	4191976	8.75E-04	6.26E-04
756	560905.6	4191967	9.02E-04	6.45E-04
757	560918.6	4191959	9.33E-04	6.67E-04
758	560931.5	4191950	9.62E-04	6.88E-04
759	560750.2	4192169	8.67E-04	6.20E-04
760	560746.9	4192185	8.76E-04	6.27E-04
761	560745.6	4192152	8.22E-04	5.88E-04
762	560752.8	4192138	8.20E-04	5.86E-04
763	560760	4192123	8.13E-04	5.81E-04
764	560767.2	4192109	8.02E-04	5.74E-04
765	560774.4	4192095	7.89E-04	5.64E-04
766	560781.6	4192080	7.73E-04	5.53E-04
767	560788.8	4192066	7.57E-04	5.41E-04
768	560796	4192052	7.41E-04	5.30E-04
769	560803.1	4192037	7.25E-04	5.18E-04
770	560810.3	4192023	7.10E-04	5.08E-04
771	560820.6	4192011	7.12E-04	5.09E-04
772	560834	4192003	7.31E-04	5.23E-04
773	560847.4	4191994	7.53E-04	5.39E-04
774	560860.8	4191985	7.78E-04	5.56E-04

775	560874.2	4191976	8.05E-04	5.76E-04
776	560887.6	4191967	8.34E-04	5.96E-04
777	560900.9	4191959	8.60E-04	6.15E-04
778	560914.3	4191950	8.89E-04	6.36E-04
779	560927.7	4191941	9.18E-04	6.57E-04
780	560740.4	4192167	8.28E-04	5.92E-04
781	560737.1	4192183	8.35E-04	5.97E-04
782	560929.9	4192237	3.33E-03	2.38E-03
783	560920.1	4192235	3.00E-03	2.14E-03
784	560917.9	4192244	3.02E-03	2.16E-03
785	560915.6	4192254	3.02E-03	2.16E-03
786	560913.3	4192263	3.02E-03	2.16E-03
787	560911	4192272	3.00E-03	2.15E-03
788	560910.4	4192232	2.71E-03	1.94E-03
789	560908.1	4192242	2.73E-03	1.95E-03
790	560905.9	4192251	2.74E-03	1.96E-03
791	560903.6	4192261	2.73E-03	1.95E-03
792	560901.3	4192270	2.72E-03	1.94E-03
793	560899	4192279	2.69E-03	1.92E-03
794	560896.7	4192289	2.65E-03	1.89E-03
795	560894.4	4192298	2.60E-03	1.86E-03
796	560900.7	4192230	2.47E-03	1.77E-03
797	560898.4	4192240	2.49E-03	1.78E-03
798	560896.1	4192249	2.50E-03	1.79E-03
799	560893.9	4192258	2.49E-03	1.78E-03
800	560891.6	4192268	2.47E-03	1.77E-03
801	560889.3	4192277	2.45E-03	1.75E-03
802	560887	4192286	2.41E-03	1.73E-03
803	560884.7	4192296	2.37E-03	1.70E-03
804	560891	4192228	2.27E-03	1.63E-03
805	560888.7	4192237	2.29E-03	1.64E-03
806	560886.4	4192247	2.29E-03	1.64E-03
807	560884.1	4192256	2.29E-03	1.63E-03
808	560881.9	4192265	2.27E-03	1.62E-03
809	560879.6	4192275	2.24E-03	1.60E-03
810	560877.3	4192284	2.21E-03	1.58E-03
811	560875	4192294	2.17E-03	1.55E-03
812	560881.3	4192225	2.09E-03	1.50E-03
813	560879	4192235	2.10E-03	1.50E-03
814	560876.7	4192244	2.11E-03	1.51E-03
815	560874.4	4192254	2.10E-03	1.50E-03
816	560872.1	4192263	2.09E-03	1.49E-03
817	560869.9	4192272	2.06E-03	1.47E-03
818	560867.6	4192282	2.03E-03	1.45E-03
819	560865.3	4192291	2.00E-03	1.43E-03
820	560871.6	4192223	1.93E-03	1.38E-03
821	560869.3	4192232	1.94E-03	1.39E-03
822	560867	4192242	1.94E-03	1.39E-03
823	560864.7	4192251	1.94E-03	1.39E-03
824	560862.4	4192261	1.93E-03	1.38E-03
825	560860.1	4192270	1.91E-03	1.36E-03
826	560857.9	4192279	1.88E-03	1.35E-03

827	560855.6	4192289	1.85E-03	1.32E-03
828	560861.8	4192221	1.79E-03	1.28E-03
829	560859.6	4192230	1.80E-03	1.29E-03
830	560857.3	4192239	1.80E-03	1.29E-03
831	560855	4192249	1.79E-03	1.28E-03
832	560852.7	4192258	1.78E-03	1.28E-03
833	560850.4	4192268	1.77E-03	1.26E-03
834	560848.1	4192277	1.74E-03	1.25E-03
835	560845.9	4192286	1.71E-03	1.22E-03
836	560852.1	4192218	1.67E-03	1.19E-03
837	560849.8	4192228	1.67E-03	1.20E-03
838	560847.6	4192237	1.67E-03	1.20E-03
839	560845.3	4192246	1.67E-03	1.19E-03
840	560843	4192256	1.66E-03	1.18E-03
841	560840.7	4192265	1.64E-03	1.17E-03
842	560838.4	4192275	1.62E-03	1.16E-03
843	560836.1	4192284	1.59E-03	1.14E-03
844	560842.4	4192216	1.55E-03	1.11E-03
845	560840.1	4192225	1.56E-03	1.12E-03
846	560837.8	4192235	1.56E-03	1.12E-03
847	560835.6	4192244	1.55E-03	1.11E-03
848	560833.3	4192254	1.54E-03	1.10E-03
849	560831	4192263	1.53E-03	1.09E-03
850	560828.7	4192272	1.51E-03	1.08E-03
851	560826.4	4192282	1.48E-03	1.06E-03
852	560832.7	4192214	1.45E-03	1.04E-03
853	560830.4	4192223	1.46E-03	1.04E-03
854	560828.1	4192232	1.46E-03	1.04E-03
855	560825.8	4192242	1.45E-03	1.04E-03
856	560823.6	4192251	1.44E-03	1.03E-03
857	560821.3	4192261	1.43E-03	1.02E-03
858	560819	4192270	1.41E-03	1.01E-03
859	560816.7	4192279	1.38E-03	9.90E-04
860	560823	4192211	1.36E-03	9.75E-04
861	560820.7	4192221	1.37E-03	9.78E-04
862	560818.4	4192230	1.37E-03	9.78E-04
863	560816.1	4192239	1.36E-03	9.74E-04
864	560813.8	4192249	1.35E-03	9.67E-04
865	560811.6	4192258	1.34E-03	9.57E-04
866	560809.3	4192268	1.32E-03	9.43E-04
867	560807	4192277	1.30E-03	9.27E-04
868	560813.3	4192209	1.28E-03	9.17E-04
869	560811	4192218	1.29E-03	9.19E-04
870	560808.7	4192228	1.28E-03	9.18E-04
871	560806.4	4192237	1.28E-03	9.15E-04
872	560804.1	4192246	1.27E-03	9.08E-04
873	560801.8	4192256	1.26E-03	8.98E-04
874	560799.6	4192265	1.24E-03	8.85E-04
875	560797.3	4192275	1.22E-03	8.70E-04
876	560803.5	4192207	1.21E-03	8.64E-04
877	560801.3	4192216	1.21E-03	8.66E-04
878	560799	4192225	1.21E-03	8.65E-04

879	560796.7	4192235	1.20E-03	8.61E-04
880	560794.4	4192244	1.19E-03	8.54E-04
881	560792.1	4192253	1.18E-03	8.45E-04
882	560789.8	4192263	1.16E-03	8.33E-04
883	560787.6	4192272	1.14E-03	8.18E-04
884	560793.8	4192204	1.14E-03	8.16E-04
885	560791.5	4192214	1.14E-03	8.17E-04
886	560789.3	4192223	1.14E-03	8.16E-04
887	560787	4192232	1.14E-03	8.12E-04
888	560784.7	4192242	1.13E-03	8.05E-04
889	560782.4	4192251	1.11E-03	7.96E-04
890	560780.1	4192260	1.10E-03	7.85E-04
891	560777.8	4192270	1.08E-03	7.71E-04
892	560781.8	4192211	1.08E-03	7.73E-04
893	560779.5	4192221	1.08E-03	7.71E-04
894	560777.3	4192230	1.07E-03	7.67E-04
895	560775	4192239	1.06E-03	7.60E-04
896	560772.7	4192249	1.05E-03	7.52E-04
897	560770.4	4192258	1.04E-03	7.41E-04
898	560768.1	4192268	1.02E-03	7.27E-04
899	560772.1	4192209	1.02E-03	7.32E-04
900	560769.8	4192218	1.02E-03	7.30E-04
901	560767.5	4192228	1.01E-03	7.26E-04
902	560765.3	4192237	1.01E-03	7.19E-04
903	560763	4192246	9.94E-04	7.11E-04
904	560760.7	4192256	9.79E-04	7.00E-04
905	560758.4	4192265	9.61E-04	6.87E-04
906	560762.4	4192206	9.70E-04	6.94E-04
907	560760.1	4192216	9.67E-04	6.92E-04
908	560757.8	4192225	9.62E-04	6.88E-04
909	560755.5	4192235	9.53E-04	6.82E-04
910	560753.3	4192244	9.41E-04	6.73E-04
911	560751	4192253	9.27E-04	6.63E-04
912	560748.7	4192263	9.10E-04	6.51E-04
913	560752.7	4192204	9.22E-04	6.59E-04
914	560750.4	4192213	9.18E-04	6.57E-04
915	560748.1	4192223	9.13E-04	6.53E-04
916	560745.8	4192232	9.04E-04	6.46E-04
917	560743.5	4192242	8.93E-04	6.38E-04
918	560741.3	4192251	8.79E-04	6.29E-04
919	560739	4192260	8.62E-04	6.17E-04
920	560743	4192202	8.77E-04	6.27E-04
921	560740.7	4192211	8.73E-04	6.24E-04
922	560738.4	4192221	8.67E-04	6.20E-04
923	560736.1	4192230	8.59E-04	6.14E-04
924	560733.8	4192239	8.48E-04	6.06E-04
925	560731.5	4192249	8.34E-04	5.97E-04
926	560729.3	4192258	8.18E-04	5.85E-04
927	560733.2	4192199	8.35E-04	5.97E-04
928	560731	4192209	8.31E-04	5.94E-04
929	560728.7	4192218	8.25E-04	5.90E-04
930	560726.4	4192228	8.17E-04	5.84E-04

931	560724.1	4192237	8.06E-04	5.76E-04
932	560721.8	4192246	7.93E-04	5.67E-04
933	560719.5	4192256	7.78E-04	5.56E-04
934	560891.6	4192311	2.54E-03	1.81E-03
935	560888	4192329	2.43E-03	1.74E-03
936	560884.4	4192346	2.31E-03	1.65E-03
937	560880.8	4192364	2.16E-03	1.55E-03
938	560877.2	4192381	1.99E-03	1.43E-03
939	560881.9	4192309	2.31E-03	1.65E-03
940	560878.2	4192327	2.21E-03	1.58E-03
941	560874.6	4192344	2.10E-03	1.50E-03
942	560871	4192362	1.96E-03	1.40E-03
943	560867.4	4192379	1.81E-03	1.29E-03
944	560872.1	4192307	2.11E-03	1.51E-03
945	560868.4	4192325	2.02E-03	1.45E-03
946	560864.8	4192342	1.92E-03	1.37E-03
947	560861.2	4192360	1.79E-03	1.28E-03
948	560857.6	4192377	1.65E-03	1.18E-03
949	560862.3	4192305	1.95E-03	1.39E-03
950	560858.7	4192323	1.86E-03	1.33E-03
951	560855	4192340	1.76E-03	1.26E-03
952	560851.4	4192358	1.64E-03	1.18E-03
953	560847.8	4192375	1.51E-03	1.08E-03
954	560852.5	4192303	1.80E-03	1.28E-03
955	560848.9	4192321	1.72E-03	1.23E-03
956	560845.3	4192338	1.62E-03	1.16E-03
957	560841.6	4192356	1.51E-03	1.08E-03
958	560838	4192373	1.39E-03	9.92E-04
959	560842.7	4192301	1.66E-03	1.19E-03
960	560839.1	4192319	1.59E-03	1.14E-03
961	560835.5	4192336	1.50E-03	1.07E-03
962	560831.8	4192354	1.39E-03	9.97E-04
963	560828.2	4192371	1.28E-03	9.14E-04
964	560832.9	4192299	1.54E-03	1.10E-03
965	560829.3	4192317	1.47E-03	1.05E-03
966	560825.7	4192334	1.39E-03	9.93E-04
967	560822.1	4192352	1.29E-03	9.23E-04
968	560818.4	4192369	1.18E-03	8.46E-04
969	560823.1	4192297	1.43E-03	1.03E-03
970	560819.5	4192315	1.37E-03	9.79E-04
971	560815.9	4192332	1.29E-03	9.22E-04
972	560812.3	4192350	1.20E-03	8.57E-04
973	560808.6	4192367	1.10E-03	7.85E-04
974	560813.3	4192295	1.34E-03	9.57E-04
975	560809.7	4192313	1.28E-03	9.13E-04
976	560806.1	4192330	1.20E-03	8.59E-04
977	560802.5	4192348	1.12E-03	7.98E-04
978	560798.9	4192365	1.02E-03	7.30E-04
979	560803.5	4192293	1.25E-03	8.95E-04
980	560799.9	4192311	1.19E-03	8.53E-04
981	560796.3	4192328	1.12E-03	8.03E-04
982	560792.7	4192346	1.04E-03	7.45E-04

983	560789.1	4192363	9.53E-04	6.82E-04
984	560793.7	4192291	1.17E-03	8.39E-04
985	560790.1	4192309	1.12E-03	7.99E-04
986	560786.5	4192326	1.05E-03	7.51E-04
987	560782.9	4192344	9.74E-04	6.97E-04
988	560779.3	4192361	8.91E-04	6.37E-04
989	560783.9	4192289	1.10E-03	7.88E-04
990	560780.3	4192307	1.05E-03	7.50E-04
991	560776.7	4192324	9.85E-04	7.04E-04
992	560773.1	4192342	9.14E-04	6.53E-04
993	560769.5	4192359	8.36E-04	5.98E-04
994	560774.1	4192287	1.04E-03	7.41E-04
995	560770.5	4192305	9.86E-04	7.05E-04
996	560766.9	4192322	9.26E-04	6.62E-04
997	560763.3	4192340	8.58E-04	6.14E-04
998	560759.7	4192357	7.85E-04	5.61E-04
999	560764.3	4192285	9.77E-04	6.98E-04
1000	560760.7	4192303	9.28E-04	6.64E-04
1001	560757.1	4192320	8.71E-04	6.23E-04
1002	560753.5	4192338	8.08E-04	5.78E-04
1003	560749.9	4192355	7.39E-04	5.28E-04
1004	560756.3	4192274	9.42E-04	6.73E-04
1005	560752.7	4192292	9.00E-04	6.43E-04
1006	560749.1	4192309	8.50E-04	6.08E-04
1007	560745.5	4192327	7.92E-04	5.67E-04
1008	560741.9	4192344	7.30E-04	5.22E-04
1009	560746.6	4192272	8.91E-04	6.37E-04
1010	560742.9	4192290	8.50E-04	6.08E-04
1011	560739.3	4192307	8.02E-04	5.74E-04
1012	560735.7	4192325	7.48E-04	5.35E-04
1013	560732.1	4192342	6.89E-04	4.93E-04
1014	560736.8	4192270	8.43E-04	6.03E-04
1015	560733.1	4192288	8.05E-04	5.75E-04
1016	560729.5	4192305	7.59E-04	5.43E-04
1017	560725.9	4192323	7.07E-04	5.06E-04
1018	560722.3	4192340	6.52E-04	4.66E-04
1019	560727	4192268	7.99E-04	5.72E-04
1020	560723.4	4192286	7.62E-04	5.45E-04
1021	560719.7	4192303	7.19E-04	5.14E-04
1022	560716.1	4192321	6.70E-04	4.79E-04
1023	560712.5	4192338	6.17E-04	4.41E-04
1024	560717.2	4192266	7.59E-04	5.43E-04
1025	560713.6	4192284	7.23E-04	5.17E-04
1026	560710	4192301	6.82E-04	4.88E-04
1027	560706.3	4192319	6.36E-04	4.55E-04
1028	560702.7	4192336	5.86E-04	4.19E-04
1029	560873.7	4192397	1.82E-03	1.30E-03
1030	560864	4192395	1.65E-03	1.18E-03
1031	560860	4192412	1.46E-03	1.05E-03
1032	560856.1	4192430	1.27E-03	9.09E-04
1033	560854.2	4192393	1.50E-03	1.07E-03
1034	560850.3	4192410	1.33E-03	9.50E-04

1035	560846.4	4192428	1.15E-03	8.26E-04
1036	560844.4	4192390	1.38E-03	9.84E-04
1037	560842.5	4192399	1.30E-03	9.26E-04
1038	560838.6	4192417	1.14E-03	8.13E-04
1039	560834.7	4192434	9.83E-04	7.03E-04
1040	560834.7	4192388	1.27E-03	9.07E-04
1041	560830.8	4192406	1.12E-03	8.02E-04
1042	560826.8	4192423	9.77E-04	6.99E-04
1043	560824.9	4192386	1.17E-03	8.37E-04
1044	560821	4192404	1.04E-03	7.41E-04
1045	560817.1	4192421	9.02E-04	6.45E-04
1046	560815.1	4192430	8.37E-04	5.99E-04
1047	560815.2	4192384	1.08E-03	7.74E-04
1048	560811.2	4192401	9.59E-04	6.86E-04
1049	560807.3	4192419	8.36E-04	5.98E-04
1050	560805.4	4192382	1.01E-03	7.19E-04
1051	560801.5	4192399	8.91E-04	6.38E-04
1052	560797.6	4192417	7.78E-04	5.56E-04
1053	560795.6	4192379	9.37E-04	6.70E-04
1054	560791.7	4192397	8.31E-04	5.94E-04
1055	560787.8	4192415	7.26E-04	5.19E-04
1056	560785.9	4192377	8.75E-04	6.26E-04
1057	560782	4192395	7.77E-04	5.56E-04
1058	560778	4192412	6.80E-04	4.86E-04
1059	560776.1	4192375	8.20E-04	5.86E-04
1060	560774.2	4192384	7.74E-04	5.54E-04
1061	560770.2	4192401	6.83E-04	4.88E-04
1062	560766.3	4192419	5.95E-04	4.25E-04
1063	560766.4	4192373	7.69E-04	5.50E-04
1064	560762.4	4192390	6.84E-04	4.89E-04
1065	560758.5	4192408	6.01E-04	4.30E-04
1066	560756.6	4192371	7.24E-04	5.18E-04
1067	560752.7	4192388	6.44E-04	4.61E-04
1068	560748.8	4192406	5.67E-04	4.05E-04
1069	560746.8	4192415	5.29E-04	3.78E-04
1070	560746.8	4192369	6.82E-04	4.88E-04
1071	560742.9	4192386	6.08E-04	4.35E-04
1072	560739	4192404	5.35E-04	3.83E-04
1073	560739	4192358	6.79E-04	4.85E-04
1074	560735.1	4192375	6.09E-04	4.36E-04
1075	560731.2	4192393	5.41E-04	3.87E-04
1076	560727.3	4192410	4.74E-04	3.39E-04
1077	560729.3	4192355	6.42E-04	4.59E-04
1078	560725.4	4192373	5.77E-04	4.12E-04
1079	560721.4	4192391	5.12E-04	3.66E-04
1080	560717.5	4192408	4.50E-04	3.22E-04
1081	560719.5	4192353	6.08E-04	4.35E-04
1082	560715.6	4192371	5.47E-04	3.91E-04
1083	560711.7	4192388	4.86E-04	3.48E-04
1084	560707.8	4192406	4.28E-04	3.06E-04
1085	560709.8	4192351	5.76E-04	4.12E-04
1086	560707.8	4192360	5.48E-04	3.92E-04

1087	560703.9	4192377	4.91E-04	3.51E-04
1088	560700	4192395	4.35E-04	3.11E-04
1089	560700	4192349	5.47E-04	3.92E-04
1090	560696.1	4192366	4.94E-04	3.53E-04
1091	560692.2	4192384	4.40E-04	3.15E-04
1092	560688.2	4192402	3.89E-04	2.78E-04
1093	560852.1	4192454	1.04E-03	7.46E-04
1094	560842.2	4192453	9.38E-04	6.71E-04
1095	560840.5	4192470	8.23E-04	5.89E-04
1096	560832.3	4192452	8.55E-04	6.12E-04
1097	560830.6	4192469	7.46E-04	5.34E-04
1098	560822	4192453	7.66E-04	5.48E-04
1099	560823.9	4192439	8.58E-04	6.13E-04
1100	560820.6	4192469	6.77E-04	4.84E-04
1101	560812.1	4192452	7.00E-04	5.01E-04
1102	560810.6	4192468	6.16E-04	4.40E-04
1103	560802.2	4192451	6.44E-04	4.60E-04
1104	560804.3	4192435	7.30E-04	5.22E-04
1105	560800.6	4192468	5.64E-04	4.03E-04
1106	560792.2	4192450	5.94E-04	4.25E-04
1107	560794.5	4192434	6.78E-04	4.85E-04
1108	560782.3	4192449	5.50E-04	3.94E-04
1109	560784.7	4192432	6.32E-04	4.52E-04
1110	560772.4	4192448	5.12E-04	3.66E-04
1111	560773.6	4192439	5.50E-04	3.94E-04
1112	560774.9	4192430	5.91E-04	4.23E-04
1113	560762.2	4192449	4.70E-04	3.36E-04
1114	560764.3	4192434	5.30E-04	3.79E-04
1115	560752.3	4192448	4.40E-04	3.14E-04
1116	560754.4	4192432	4.98E-04	3.56E-04
1117	560742.3	4192447	4.12E-04	2.95E-04
1118	560744.6	4192431	4.68E-04	3.35E-04
1119	560732.4	4192446	3.87E-04	2.77E-04
1120	560734.7	4192429	4.42E-04	3.16E-04
1121	560722.4	4192445	3.65E-04	2.61E-04
1122	560724.9	4192428	4.17E-04	2.98E-04
1123	560712.3	4192446	3.40E-04	2.43E-04
1124	560714.4	4192431	3.82E-04	2.73E-04
1125	560702.4	4192445	3.22E-04	2.30E-04
1126	560704.5	4192429	3.62E-04	2.59E-04
1127	560692.4	4192444	3.05E-04	2.18E-04
1128	560694.6	4192428	3.43E-04	2.46E-04
1129	560696.9	4192412	3.86E-04	2.76E-04
1130	560682.5	4192443	2.89E-04	2.07E-04
1131	560684.8	4192427	3.27E-04	2.34E-04
1132	561570.5	4192470	3.82E-04	2.73E-04
1133	561116.5	4192516	7.28E-02	5.21E-02
1134	561122.2	4192517	7.23E-02	5.17E-02
1135	561127.4	4192519	7.13E-02	5.10E-02
1136	561132.3	4192520	6.98E-02	4.99E-02
1137	561136.5	4192521	6.81E-02	4.87E-02
1138	561141.7	4192522	6.54E-02	4.68E-02

1139	561146.4	4192523	6.21E-02	4.44E-02
1140	561149.5	4192524	5.92E-02	4.24E-02

T2										T2L3									
		7.33E-07								5.42E-07									
	UTM X	UTM Y	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Total	
1	560828.8	4192712	1.43E-08	1.80E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	9.18E-08	1.03E-08	1.41E-08	1.10E-08	1.10E-08	1.10E-08	7.32E-09	3.21E-09	6.78E-08	
2	560833.9	4192728	1.43E-08	1.80E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.35E-09	9.16E-08	1.02E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	7.30E-09	3.20E-09	6.77E-08	
3	560824.7	4192721	1.39E-08	1.74E-08	1.37E-08	1.37E-08	1.37E-08	1.01E-08	6.15E-09	8.87E-08	9.91E-09	1.36E-08	1.06E-08	1.06E-08	1.06E-08	7.07E-09	3.10E-09	6.55E-08	
4	560827.4	4192736	1.37E-08	1.72E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.08E-09	8.77E-08	9.81E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	7.00E-09	3.06E-09	6.48E-08	
5	560817.8	4192728	1.33E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	9.71E-09	5.89E-09	8.49E-08	9.49E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.77E-09	2.96E-09	6.27E-08	
6	560832.6	4192752	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.97E-09	6.05E-09	8.72E-08	9.74E-09	1.34E-08	1.04E-08	1.05E-08	1.04E-08	6.95E-09	3.04E-09	6.44E-08	
7	560823.2	4192745	1.32E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	9.70E-09	5.88E-09	8.47E-08	9.47E-09	1.30E-08	1.01E-08	1.02E-08	1.01E-08	6.76E-09	2.96E-09	6.26E-08	
8	560813.8	4192738	1.28E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	9.40E-09	5.70E-09	8.22E-08	9.19E-09	1.26E-08	9.83E-09	9.86E-09	9.83E-09	6.55E-09	2.87E-09	6.07E-08	
9	560828.2	4192761	1.31E-08	1.65E-08	1.30E-08	1.30E-08	1.30E-08	9.62E-09	5.83E-09	8.41E-08	9.40E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.71E-09	2.94E-09	6.21E-08	
10	560818.9	4192754	1.28E-08	1.61E-08	1.26E-08	1.27E-08	1.26E-08	9.37E-09	5.68E-09	8.19E-08	9.16E-09	1.25E-08	9.80E-09	9.83E-09	9.80E-09	6.53E-09	2.86E-09	6.05E-08	
11	560809.6	4192747	1.24E-08	1.56E-08	1.23E-08	1.23E-08	1.23E-08	9.10E-09	5.52E-09	7.95E-08	8.89E-09	1.22E-08	9.52E-09	9.54E-09	9.52E-09	6.34E-09	2.78E-09	5.88E-08	
12	560800.4	4192740	1.20E-08	1.51E-08	1.19E-08	1.19E-08	1.19E-08	8.82E-09	5.34E-09	7.70E-08	8.61E-09	1.18E-08	9.22E-09	9.24E-09	9.22E-09	6.15E-09	2.69E-09	5.69E-08	
13	560831.7	4192776	1.30E-08	1.63E-08	1.28E-08	1.28E-08	1.28E-08	9.48E-09	5.75E-09	8.28E-08	9.26E-09	1.27E-08	9.91E-09	9.94E-09	9.91E-09	6.61E-09	2.89E-09	6.12E-08	
14	560822.1	4192769	1.26E-08	1.59E-08	1.25E-08	1.25E-08	1.25E-08	9.26E-09	5.61E-09	8.09E-08	9.04E-09	1.24E-08	9.68E-09	9.70E-09	9.68E-09	6.45E-09	2.82E-09	5.98E-08	
15	560812.5	4192762	1.23E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	9.01E-09	5.46E-09	7.87E-08	8.80E-09	1.21E-08	9.42E-09	9.45E-09	9.42E-09	6.28E-09	2.75E-09	5.82E-08	
16	560802.9	4192754	1.19E-08	1.50E-08	1.18E-08	1.18E-08	1.18E-08	8.74E-09	5.30E-09	7.64E-08	8.54E-09	1.17E-08	9.14E-09	9.17E-09	9.14E-09	6.10E-09	2.67E-09	5.65E-08	
17	560793.4	4192747	1.16E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	8.47E-09	5.13E-09	7.40E-08	8.27E-09	1.13E-08	8.85E-09	8.88E-09	8.85E-09	5.90E-09	2.58E-09	5.47E-08	
18	560827.1	4192785	1.25E-08	1.57E-08	1.23E-08	1.24E-08	1.23E-08	9.15E-09	5.55E-09	8.00E-08	8.94E-09	1.23E-08	9.57E-09	9.59E-09	9.57E-09	6.38E-09	2.79E-09	5.91E-08	
19	560817.7	4192778	1.22E-08	1.54E-08	1.21E-08	1.21E-08	1.21E-08	8.95E-09	5.42E-09	7.82E-08	8.74E-09	1.20E-08	9.35E-09	9.38E-09	9.35E-09	6.24E-09	2.73E-09	5.78E-08	
20	560808.2	4192771	1.19E-08	1.50E-08	1.18E-08	1.18E-08	1.18E-08	8.72E-09	5.29E-09	7.62E-08	8.52E-09	1.17E-08	9.12E-09	9.14E-09	9.12E-09	6.08E-09	2.66E-09	5.63E-08	
21	560798.8	4192764	1.16E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	8.48E-09	5.14E-09	7.41E-08	8.28E-09	1.14E-08	8.86E-09	8.89E-09	8.86E-09	5.91E-09	2.59E-09	5.47E-08	
22	560789.4	4192756	1.12E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	8.22E-09	4.98E-09	7.19E-08	8.03E-09	1.10E-08	8.60E-09	8.62E-09	8.60E-09	5.73E-09	2.51E-09	5.31E-08	
23	560998.7	4192564	9.31E-08	1.17E-07	9.19E-08	9.21E-08	9.19E-08	6.81E-08	4.13E-08	5.95E-07	6.66E-08	9.12E-08	7.12E-08	7.14E-08	7.12E-08	4.75E-08	2.08E-08	4.40E-07	
24	561014.6	4192568	1.03E-07	1.30E-07	1.02E-07	1.02E-07	1.02E-07	7.57E-08	4.59E-08	6.62E-07	7.40E-08	1.01E-07	7.92E-08	7.94E-08	7.92E-08	5.28E-08	2.31E-08	4.89E-07	
25	561030.5	4192573	1.07E-07	1.35E-07	1.06E-07	1.06E-07	1.06E-07	7.87E-08	4.77E-08	6.88E-07	7.69E-08	1.05E-07	8.23E-08	8.25E-08	8.23E-08	5.48E-08	2.40E-08	5.08E-07	
26	560991.4	4192572	7.79E-08	9.80E-08	7.69E-08	7.71E-08	7.69E-08	5.70E-08	3.46E-08	4.98E-07	5.57E-08	7.64E-08	5.96E-08	5.98E-08	5.96E-08	3.98E-08	1.74E-08	3.68E-07	
27	561004.1	4192576	8.49E-08	1.07E-07	8.38E-08	8.40E-08	8.38E-08	6.21E-08	3.77E-08	5.43E-07	6.07E-08	8.32E-08	6.50E-08	6.52E-08	6.50E-08	4.33E-08	1.90E-08	4.01E-07	
28	561020	4192580	9.11E-08	1.15E-07	9.00E-08	9.02E-08	9.00E-08	6.67E-08	4.04E-08	5.83E-07	6.52E-08	8.93E-08	6.98E-08	6.99E-08	6.98E-08	4.65E-08	2.04E-08	4.31E-07	
29	561035.9	4192584	9.42E-08	1.18E-07	9.30E-08	9.32E-08	9.30E-08	6.90E-08	4.18E-08	6.03E-07	6.74E-08	9.23E-08	7.21E-08	7.23E-08	7.21E-08	4.81E-08	2.10E-08	4.45E-07	
30	560987.6	4192581	6.83E-08	8.59E-08	6.74E-08	6.76E-08	6.74E-08	5.00E-08	3.03E-08	4.37E-07	4.89E-08	6.70E-08	5.23E-08	5.24E-08	5.23E-08	3.49E-08	1.53E-08	3.23E-07	
31	561001.5	4192585	7.42E-08	9.34E-08	7.33E-08	7.35E-08	7.33E-08	5.43E-08	3.29E-08	4.75E-07	5.31E-08	7.27E-08	5.68E-08	5.70E-08	5.68E-08	3.79E-08	1.66E-08	3.51E-07	
32	561017.4	4192590	7.96E-08	1.00E-07	7.86E-08	7.88E-08	7.86E-08	5.83E-08	3.53E-08	5.09E-07	5.70E-08	7.80E-08	6.09E-08	6.11E-08	6.09E-08	4.06E-08	1.78E-08	3.76E-07	
33	561033.2	4192594	8.30E-08	1.04E-07	8.19E-08	8.22E-08	8.19E-08	6.08E-08	3.68E-08	5.31E-07	5.94E-08	8.13E-08	6.35E-08	6.37E-08	6.35E-08	4.24E-08	1.85E-08	3.92E-07	
34	560983.8	4192590	6.08E-08	7.65E-08	6.00E-08	6.02E-08	6.00E-08	4.45E-08	2.70E-08	3.89E-07	4.35E-08	5.96E-08	4.65E-08	4.67E-08	4.65E-08	3.10E-08	1.36E-08	2.87E-07	
35	560998.9	4192595	6.59E-08	8.29E-08	6.51E-08	6.53E-08	6.51E-08	4.83E-08	2.93E-08	4.22E-07	4.72E-08	6.46E-08	5.05E-08	5.06E-08	5.05E-08	3.36E-08	1.47E-08	3.12E-07	
36	561014.8	4192599	7.06E-08	8.87E-08	6.96E-08	6.98E-08	6.96E-08	5.16E-08	3.13E-08	4.51E-07	5.05E-08	6.91E-08	5.40E-08	5.42E-08	5.40E-08	3.60E-08	1.58E-08	3.34E-07	
37	561030.6	4192604	7.38E-08	9.29E-08	7.29E-08	7.31E-08	7.29E-08	5.40E-08	3.28E-08	4.72E-07	5.28E-08	7.24E-08	5.65E-08	5.67E-08	5.65E-08	3.77E-08	1.65E-08	3.49E-07	
38	560982.8	4192600	5.55E-08	6.98E-08	5.48E-08	5.49E-08	5.48E-08	4.06E-08	2.46E-08	3.55E-07	3.97E-08	5.44E-08	4.25E-08	4.26E-08	4.25E-08	2.83E-08	1.24E-08	2.62E-07	
39	560996.3	4192605	5.93E-08	7.45E-08	5.85E-0														

88	560986.1	4192706	2.91E-08	3.66E-08	2.87E-08	2.88E-08	2.87E-08	2.13E-08	1.29E-08	1.86E-07	2.08E-08	2.85E-08	2.22E-08	2.23E-08	2.22E-08	1.48E-08	6.49E-09	1.37E-07
89	561002	4192710	2.97E-08	3.73E-08	2.93E-08	2.94E-08	2.93E-08	2.17E-08	1.32E-08	1.90E-07	2.12E-08	2.91E-08	2.27E-08	2.28E-08	2.27E-08	1.51E-08	6.63E-09	1.40E-07
90	560952.6	4192706	2.58E-08	3.25E-08	2.55E-08	2.56E-08	2.55E-08	1.89E-08	1.15E-08	1.65E-07	1.85E-08	2.53E-08	1.98E-08	1.98E-08	1.98E-08	1.32E-08	5.77E-09	1.22E-07
91	560938.4	4192700	2.50E-08	3.14E-08	2.47E-08	2.47E-08	2.47E-08	1.83E-08	1.11E-08	1.60E-07	1.79E-08	2.45E-08	1.91E-08	1.92E-08	1.91E-08	1.28E-08	5.59E-09	1.18E-07
92	560967.6	4192711	2.66E-08	3.35E-08	2.63E-08	2.63E-08	2.63E-08	1.95E-08	1.18E-08	1.70E-07	1.90E-08	2.61E-08	2.04E-08	2.04E-08	2.04E-08	1.36E-08	5.95E-09	1.26E-07
93	560983.5	4192715	2.74E-08	3.44E-08	2.70E-08	2.71E-08	2.70E-08	2.00E-08	1.21E-08	1.75E-07	1.96E-08	2.68E-08	2.10E-08	2.10E-08	2.10E-08	1.40E-08	6.12E-09	1.29E-07
94	560999.4	4192720	2.79E-08	3.51E-08	2.75E-08	2.76E-08	2.75E-08	2.04E-08	1.24E-08	1.78E-07	2.00E-08	2.73E-08	2.14E-08	2.14E-08	2.14E-08	1.42E-08	6.23E-09	1.32E-07
95	560949.6	4192715	2.45E-08	3.08E-08	2.42E-08	2.42E-08	2.42E-08	1.79E-08	1.09E-08	1.57E-07	1.75E-08	2.40E-08	1.87E-08	1.88E-08	1.87E-08	1.25E-08	5.47E-09	1.16E-07
96	560934.7	4192709	2.37E-08	2.98E-08	2.34E-08	2.35E-08	2.34E-08	1.74E-08	1.05E-08	1.52E-07	1.70E-08	2.32E-08	1.81E-08	1.82E-08	1.81E-08	1.21E-08	5.30E-09	1.12E-07
97	560965	4192721	2.52E-08	3.17E-08	2.49E-08	2.49E-08	2.49E-08	1.84E-08	1.12E-08	1.61E-07	1.80E-08	2.47E-08	1.93E-08	1.93E-08	1.93E-08	1.28E-08	5.63E-09	1.19E-07
98	560980.9	4192725	2.58E-08	3.25E-08	2.55E-08	2.56E-08	2.55E-08	1.89E-08	1.15E-08	1.65E-07	1.85E-08	2.53E-08	1.98E-08	1.98E-08	1.98E-08	1.32E-08	5.77E-09	1.22E-07
99	560996.8	4192729	2.63E-08	3.30E-08	2.59E-08	2.60E-08	2.59E-08	1.92E-08	1.17E-08	1.68E-07	1.88E-08	2.58E-08	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.87E-09	1.24E-07
100	560947.7	4192725	2.33E-08	2.93E-08	2.30E-08	2.30E-08	2.30E-08	1.70E-08	1.03E-08	1.49E-07	1.66E-08	2.28E-08	1.78E-08	1.79E-08	1.78E-08	1.19E-08	5.20E-09	1.10E-07
101	560934.2	4192720	2.27E-08	2.85E-08	2.24E-08	2.25E-08	2.24E-08	1.66E-08	1.01E-08	1.45E-07	1.62E-08	2.22E-08	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.07E-09	1.07E-07
102	560962.4	4192730	2.39E-08	3.00E-08	2.36E-08	2.36E-08	2.36E-08	1.75E-08	1.06E-08	1.53E-07	1.71E-08	2.34E-08	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.33E-09	1.13E-07
103	560978.3	4192735	2.44E-08	3.07E-08	2.41E-08	2.42E-08	2.41E-08	1.79E-08	1.08E-08	1.56E-07	1.75E-08	2.39E-08	1.87E-08	1.87E-08	1.87E-08	1.25E-08	5.46E-09	1.15E-07
104	560994.2	4192739	2.48E-08	3.12E-08	2.45E-08	2.45E-08	2.45E-08	1.82E-08	1.10E-08	1.59E-07	1.77E-08	2.43E-08	1.90E-08	1.90E-08	1.90E-08	1.27E-08	5.54E-09	1.17E-07
105	560939.9	4192754	2.01E-08	2.53E-08	1.99E-08	1.99E-08	1.99E-08	1.47E-08	8.93E-09	1.29E-07	1.44E-08	1.97E-08	1.54E-08	1.54E-08	1.54E-08	1.03E-08	4.49E-09	9.51E-08
106	560926.3	4192749	1.97E-08	2.48E-08	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	1.26E-07	1.41E-08	1.93E-08	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	9.32E-08
107	560954.6	4192759	2.05E-08	2.58E-08	2.02E-08	2.03E-08	2.02E-08	1.50E-08	9.10E-09	1.31E-07	1.47E-08	2.01E-08	1.57E-08	1.57E-08	1.57E-08	1.05E-08	4.58E-09	9.69E-08
108	560970.5	4192764	2.09E-08	2.62E-08	2.06E-08	2.07E-08	2.06E-08	1.53E-08	9.26E-09	1.34E-07	1.49E-08	2.05E-08	1.60E-08	1.60E-08	1.60E-08	1.06E-08	4.66E-09	9.87E-08
109	560986.4	4192768	2.11E-08	2.65E-08	2.08E-08	2.09E-08	2.08E-08	1.54E-08	9.36E-09	1.35E-07	1.51E-08	2.07E-08	1.61E-08	1.62E-08	1.61E-08	1.08E-08	4.71E-09	9.97E-08
110	560937	4192764	1.92E-08	2.41E-08	1.90E-08	1.90E-08	1.90E-08	1.41E-08	8.52E-09	1.23E-07	1.37E-08	1.88E-08	1.47E-08	1.47E-08	1.47E-08	9.80E-09	4.29E-09	9.08E-08
111	560922.8	4192758	1.88E-08	2.37E-08	1.86E-08	1.86E-08	1.86E-08	1.38E-08	8.36E-09	1.21E-07	1.35E-08	1.85E-08	1.44E-08	1.45E-08	1.44E-08	9.61E-09	4.21E-09	8.90E-08
112	560952	4192769	1.95E-08	2.46E-08	1.93E-08	1.93E-08	1.93E-08	1.43E-08	8.67E-09	1.25E-07	1.40E-08	1.92E-08	1.50E-08	1.50E-08	1.50E-08	9.97E-09	4.37E-09	9.24E-08
113	560967.9	4192773	1.99E-08	2.50E-08	1.96E-08	1.97E-08	1.96E-08	1.45E-08	8.81E-09	1.27E-07	1.42E-08	1.95E-08	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.44E-09	9.39E-08
114	560983.8	4192777	2.00E-08	2.52E-08	1.98E-08	1.98E-08	1.98E-08	1.47E-08	8.89E-09	1.28E-07	1.43E-08	1.96E-08	1.53E-08	1.54E-08	1.53E-08	1.02E-08	4.48E-09	9.48E-08
115	560934.1	4192773	1.84E-08	2.31E-08	1.81E-08	1.82E-08	1.81E-08	1.34E-08	8.14E-09	1.17E-07	1.31E-08	1.80E-08	1.40E-08	1.41E-08	1.40E-08	9.36E-09	4.10E-09	8.68E-08
116	560919.3	4192767	1.80E-08	2.27E-08	1.78E-08	1.78E-08	1.78E-08	1.32E-08	7.99E-09	1.15E-07	1.29E-08	1.77E-08	1.38E-08	1.38E-08	1.38E-08	9.19E-09	4.03E-09	8.52E-08
117	560949.4	4192779	1.87E-08	2.35E-08	1.84E-08	1.85E-08	1.84E-08	1.37E-08	8.28E-09	1.19E-07	1.33E-08	1.83E-08	1.43E-08	1.43E-08	1.43E-08	9.52E-09	4.17E-09	8.82E-08
118	560965.3	4192783	1.89E-08	2.38E-08	1.87E-08	1.87E-08	1.87E-08	1.39E-08	8.40E-09	1.21E-07	1.35E-08	1.85E-08	1.45E-08	1.45E-08	1.45E-08	9.66E-09	4.23E-09	8.95E-08
119	560981.2	4192787	1.91E-08	2.40E-08	1.88E-08	1.89E-08	1.88E-08	1.40E-08	8.47E-09	1.22E-07	1.36E-08	1.87E-08	1.46E-08	1.46E-08	1.46E-08	9.74E-09	4.26E-09	9.02E-08
120	560932	4192783	1.76E-08	2.21E-08	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.80E-09	1.12E-07	1.26E-08	1.72E-08	1.34E-08	1.35E-08	1.34E-08	8.97E-09	3.93E-09	8.31E-08
121	560918.4	4192778	1.73E-08	2.18E-08	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.68E-09	1.11E-07	1.24E-08	1.70E-08	1.32E-08	1.33E-08	1.32E-08	8.83E-09	3.87E-09	8.18E-08
122	560946.8	4192788	1.78E-08	2.24E-08	1.76E-08	1.76E-08	1.76E-08	1.30E-08	7.91E-09	1.14E-07	1.27E-08	1.75E-08	1.36E-08	1.37E-08	1.36E-08	9.10E-09	3.98E-09	8.43E-08
123	560962.7	4192793	1.81E-08	2.27E-08	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.02E-09	1.16E-07	1.29E-08	1.77E-08	1.38E-08	1.39E-08	1.38E-08	9.22E-09	4.04E-09	8.54E-08
124	560978.6	4192797	1.82E-08	2.29E-08	1.80E-08	1.80E-08	1.80E-08	1.33E-08	8.07E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.40E-08	1.39E-08	9.28E-09	4.06E-09	8.60E-08
125	560929.2	4192793	1.68E-08	2.12E-08	1.66E-08	1.67E-08	1.66E-08	1.23E-08	7.47E-09	1.08E-07	1.20E-08	1.65E-08	1.29E-08	1.29E-08	1.29E-08	8.59E-09	3.76E-09	7.96E-08
126	560915	4192787	1.66E-08	2.09E-08	1.64E-08	1.64E-08	1.64E-08	1.21E-08	7.36E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.27E-08	1.27E-08	8.47E-09	3.71E-09	7.84E-08
127	560944.2	4192798	1.71E-08	2.14E-08	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.57E-09	1.09E-07	1.22E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	8.70E-09	3.81E-09	8.06E-08
128	560960.1	4192802	1.73E-08	2.17E-08	1.70E-08	1.71E-08	1.70E-08	1.26E-08	7.66E-09	1.10E-07	1.23E-08	1.69E-08	1.32E-08	1.32E-08	1.32E-08	8.81E-09	3.86E-09	8.16E-08
129	560976	4192806	1.74E-08	2.18E-08	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.70E-09	1.11E-07	1.24E-08	1.70E-08	1.33E-08	1.33E-08	1.33E-08	8.86E-09	3.88E-09	8.21E-08
130	560926.3	4192802	1.61E-08	2.03E-08	1.59E-08	1.60E-08	1.59E-08	1.18E-08	7.16E-09	1.03E-07	1.15E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	8.23E-09	3.61E-09	7.63E-08
131	560911.6	4192796	1.59E-08	2.00E-08	1.57E-08	1.58E-08	1.57E-08	1.17E-08	7.06E-09	1.02E-07	1.14E-08	1.56E-08	1.22E-08	1.22E-08	1.22E-08	8.12E-09	3.56E-09	7.52E-08
132	560941.6	4192808	1.63E-08	2.05E-08	1.61E-08	1.62E-08	1.61E-08	1.20E-08	7.25E-09	1.04E-07	1.17E-08	1.60E-08	1.25E-08	1.25E-08	1.25E-08	8.33E-09	3.65E-09	7.72E-08
133	560957.5	4192812	1.65E-08	2.08E-08	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.33E-09	1.06E-07	1.18E-08	1.62E-08	1.26E-08	1.27E-08	1.26E-08	8.42E-09	3.69E-09	7.80E-08
134	560973.4	4192816	1.66E-08	2.09E-08	1.64E-08	1.64E-08	1.64E-08	1.21E-08	7.36E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.27E-08	1.27E-08	8.47E-09	3.71E-09	7.84E-08
135	560924.2	4192812	1.55E-08	1.95E-08	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.87E-09	9.91E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.91E-09	3.46E-09	7.32E-08
136	560910.5	4192807	1.53E-08	1.93E-08	1.51E-08	1.52E-08	1.51E-08	1.12E-08	6.80E-09	9.80E-08	1.10E-08	1.50E-08	1.17E-08	1.18E-08	1.17E-08	7.82E-09	3.42E-09	7.24E-08
137	560939	4192817	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.95E-09	1.00E-07	1.12E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	7.99E-09	3.50E-09	7.40E-08
138	560954.9	4192821	1.58E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07								

179	561067.5	4192614	7.70E-08	9.69E-08	7.60E-08	7.62E-08	7.60E-08	5.64E-08	3.42E-08	4.93E-07	5.51E-08	7.55E-08	5.89E-08	5.91E-08	5.89E-08	3.93E-08	1.72E-08	3.64E-07
180	561076.7	4192616	7.66E-08	9.64E-08	7.56E-08	7.58E-08	7.56E-08	5.61E-08	3.40E-08	4.90E-07	5.48E-08	7.51E-08	5.86E-08	5.88E-08	5.86E-08	3.91E-08	1.71E-08	3.62E-07
181	561085.9	4192619	7.56E-08	9.51E-08	7.46E-08	7.48E-08	7.46E-08	5.53E-08	3.36E-08	4.84E-07	5.41E-08	7.41E-08	5.79E-08	5.80E-08	5.79E-08	3.86E-08	1.69E-08	3.57E-07
182	561095.2	4192621	7.39E-08	9.30E-08	7.29E-08	7.32E-08	7.29E-08	5.41E-08	3.28E-08	4.73E-07	5.29E-08	7.24E-08	5.66E-08	5.67E-08	5.66E-08	3.77E-08	1.65E-08	3.49E-07
183	561104.4	4192624	7.15E-08	8.99E-08	7.06E-08	7.07E-08	7.06E-08	5.23E-08	3.17E-08	4.57E-07	5.11E-08	7.00E-08	5.47E-08	5.49E-08	5.47E-08	3.65E-08	1.60E-08	3.38E-07
184	561113.6	4192626	6.84E-08	8.60E-08	6.75E-08	6.77E-08	6.75E-08	5.00E-08	3.03E-08	4.37E-07	4.89E-08	6.70E-08	5.23E-08	5.25E-08	5.23E-08	3.49E-08	1.53E-08	3.23E-07
185	561122.8	4192629	6.46E-08	8.13E-08	6.38E-08	6.40E-08	6.38E-08	4.73E-08	2.87E-08	4.13E-07	4.62E-08	6.33E-08	4.95E-08	4.96E-08	4.95E-08	3.30E-08	1.44E-08	3.06E-07
186	561046.5	4192618	6.84E-08	8.60E-08	6.75E-08	6.77E-08	6.75E-08	5.01E-08	3.04E-08	4.38E-07	4.89E-08	6.70E-08	5.24E-08	5.25E-08	5.24E-08	3.49E-08	1.53E-08	3.23E-07
187	561055.7	4192621	6.89E-08	8.67E-08	6.80E-08	6.82E-08	6.80E-08	5.04E-08	3.06E-08	4.41E-07	4.93E-08	6.75E-08	5.27E-08	5.29E-08	5.27E-08	3.52E-08	1.54E-08	3.26E-07
188	561064.9	4192623	6.90E-08	8.67E-08	6.81E-08	6.83E-08	6.81E-08	5.05E-08	3.06E-08	4.41E-07	4.93E-08	6.76E-08	5.28E-08	5.29E-08	5.28E-08	3.52E-08	1.54E-08	3.26E-07
189	561074.1	4192626	6.85E-08	8.62E-08	6.76E-08	6.78E-08	6.76E-08	5.02E-08	3.04E-08	4.38E-07	4.90E-08	6.71E-08	5.24E-08	5.26E-08	5.24E-08	3.50E-08	1.53E-08	3.24E-07
190	561083.3	4192628	6.76E-08	8.50E-08	6.67E-08	6.69E-08	6.67E-08	4.95E-08	3.00E-08	4.32E-07	4.83E-08	6.62E-08	5.17E-08	5.19E-08	5.17E-08	3.45E-08	1.51E-08	3.19E-07
191	561092.6	4192631	6.61E-08	8.31E-08	6.52E-08	6.54E-08	6.52E-08	4.84E-08	2.93E-08	4.23E-07	4.72E-08	6.47E-08	5.06E-08	5.07E-08	5.06E-08	3.37E-08	1.48E-08	3.12E-07
192	561101.8	4192633	6.40E-08	8.05E-08	6.32E-08	6.33E-08	6.32E-08	4.68E-08	2.84E-08	4.09E-07	4.58E-08	6.27E-08	4.90E-08	4.91E-08	4.90E-08	3.27E-08	1.43E-08	3.02E-07
193	561111	4192636	6.14E-08	7.72E-08	6.06E-08	6.08E-08	6.06E-08	4.49E-08	2.72E-08	3.93E-07	4.39E-08	6.02E-08	4.70E-08	4.71E-08	4.70E-08	3.13E-08	1.37E-08	2.90E-07
194	561120.2	4192638	5.84E-08	7.34E-08	5.76E-08	5.78E-08	5.76E-08	4.27E-08	2.59E-08	3.74E-07	4.18E-08	5.72E-08	4.47E-08	4.48E-08	4.47E-08	2.98E-08	1.30E-08	2.76E-07
195	561043.9	4192628	6.18E-08	7.77E-08	6.10E-08	6.11E-08	6.10E-08	4.52E-08	2.74E-08	3.95E-07	4.42E-08	6.05E-08	4.73E-08	4.74E-08	4.73E-08	3.15E-08	1.38E-08	2.92E-07
196	561053.1	4192630	6.22E-08	7.82E-08	6.14E-08	6.15E-08	6.14E-08	4.55E-08	2.76E-08	3.98E-07	4.45E-08	6.09E-08	4.76E-08	4.77E-08	4.76E-08	3.17E-08	1.39E-08	2.94E-07
197	561062.3	4192633	6.22E-08	7.82E-08	6.14E-08	6.15E-08	6.14E-08	4.55E-08	2.76E-08	3.98E-07	4.45E-08	6.09E-08	4.76E-08	4.77E-08	4.76E-08	3.17E-08	1.39E-08	2.94E-07
198	561071.5	4192635	6.18E-08	7.77E-08	6.10E-08	6.11E-08	6.10E-08	4.52E-08	2.74E-08	3.95E-07	4.42E-08	6.05E-08	4.73E-08	4.74E-08	4.73E-08	3.15E-08	1.38E-08	2.92E-07
199	561080.7	4192638	6.09E-08	7.66E-08	6.01E-08	6.02E-08	6.01E-08	4.46E-08	2.70E-08	3.89E-07	4.35E-08	5.96E-08	4.66E-08	4.67E-08	4.66E-08	3.11E-08	1.36E-08	2.88E-07
200	561090	4192640	5.95E-08	7.49E-08	5.88E-08	5.89E-08	5.88E-08	4.36E-08	2.64E-08	3.81E-07	4.26E-08	5.83E-08	4.56E-08	4.57E-08	4.56E-08	3.04E-08	1.33E-08	2.81E-07
201	561099.2	4192643	5.78E-08	7.27E-08	5.70E-08	5.72E-08	5.70E-08	4.23E-08	2.56E-08	3.70E-07	4.13E-08	5.66E-08	4.42E-08	4.43E-08	4.42E-08	2.95E-08	1.29E-08	2.73E-07
202	561108.4	4192645	5.56E-08	7.00E-08	5.49E-08	5.51E-08	5.49E-08	4.07E-08	2.47E-08	3.56E-07	3.98E-08	5.45E-08	4.26E-08	4.27E-08	4.26E-08	2.84E-08	1.24E-08	2.63E-07
203	561117.6	4192648	5.31E-08	6.68E-08	5.25E-08	5.26E-08	5.25E-08	3.89E-08	2.36E-08	3.40E-07	3.80E-08	5.21E-08	4.07E-08	4.08E-08	4.07E-08	2.71E-08	1.19E-08	2.51E-07
204	561041.3	4192638	5.61E-08	7.05E-08	5.53E-08	5.55E-08	5.53E-08	4.10E-08	2.49E-08	3.59E-07	4.01E-08	5.50E-08	4.29E-08	4.30E-08	4.29E-08	2.86E-08	1.25E-08	2.65E-07
205	561050.5	4192640	5.64E-08	7.10E-08	5.57E-08	5.58E-08	5.57E-08	4.13E-08	2.50E-08	3.61E-07	4.04E-08	5.53E-08	4.32E-08	4.33E-08	4.32E-08	2.88E-08	1.26E-08	2.67E-07
206	561059.7	4192643	5.64E-08	7.09E-08	5.57E-08	5.58E-08	5.57E-08	4.13E-08	2.50E-08	3.61E-07	4.03E-08	5.53E-08	4.32E-08	4.33E-08	4.32E-08	2.88E-08	1.26E-08	2.67E-07
207	561068.9	4192645	5.60E-08	7.04E-08	5.53E-08	5.54E-08	5.53E-08	4.10E-08	2.48E-08	3.58E-07	4.01E-08	5.49E-08	4.29E-08	4.30E-08	4.29E-08	2.86E-08	1.25E-08	2.65E-07
208	561078.1	4192648	5.52E-08	6.94E-08	5.45E-08	5.46E-08	5.45E-08	4.04E-08	2.45E-08	3.53E-07	3.95E-08	5.41E-08	4.23E-08	4.24E-08	4.23E-08	2.82E-08	1.23E-08	2.61E-07
209	561087.3	4192650	5.41E-08	6.80E-08	5.35E-08	5.35E-08	5.34E-08	3.96E-08	2.40E-08	3.46E-07	3.87E-08	5.30E-08	4.14E-08	4.15E-08	4.14E-08	2.76E-08	1.21E-08	2.56E-07
210	561096.6	4192653	5.25E-08	6.61E-08	5.19E-08	5.20E-08	5.19E-08	3.85E-08	2.33E-08	3.36E-07	3.76E-08	5.15E-08	4.02E-08	4.03E-08	4.02E-08	2.68E-08	1.17E-08	2.48E-07
211	561105.8	4192655	5.07E-08	6.38E-08	5.01E-08	5.02E-08	5.01E-08	3.71E-08	2.25E-08	3.25E-07	3.63E-08	4.97E-08	3.88E-08	3.89E-08	3.88E-08	2.59E-08	1.13E-08	2.40E-07
212	561115	4192658	4.87E-08	6.12E-08	4.80E-08	4.82E-08	4.80E-08	3.56E-08	2.16E-08	3.11E-07	3.48E-08	4.77E-08	3.72E-08	3.73E-08	3.72E-08	2.48E-08	1.09E-08	2.30E-07
213	561038.7	4192647	5.12E-08	6.44E-08	5.05E-08	5.06E-08	5.05E-08	3.75E-08	2.27E-08	3.27E-07	3.66E-08	5.01E-08	3.92E-08	3.93E-08	3.92E-08	2.61E-08	1.14E-08	2.42E-07
214	561047.9	4192650	5.15E-08	6.47E-08	5.08E-08	5.09E-08	5.08E-08	3.77E-08	2.28E-08	3.29E-07	3.68E-08	5.04E-08	3.94E-08	3.95E-08	3.94E-08	2.63E-08	1.15E-08	2.43E-07
215	561057.1	4192652	5.14E-08	6.47E-08	5.08E-08	5.09E-08	5.08E-08	3.76E-08	2.28E-08	3.29E-07	3.68E-08	5.04E-08	3.94E-08	3.95E-08	3.94E-08	2.62E-08	1.15E-08	2.43E-07
216	561066.3	4192655	5.11E-08	6.42E-08	5.04E-08	5.05E-08	5.04E-08	3.74E-08	2.27E-08	3.27E-07	3.65E-08	5.00E-08	3.91E-08	3.92E-08	3.91E-08	2.61E-08	1.14E-08	2.41E-07
217	561075.5	4192657	5.04E-08	6.33E-08	4.97E-08	4.98E-08	4.97E-08	3.69E-08	2.23E-08	3.22E-07	3.60E-08	4.94E-08	3.85E-08	3.87E-08	3.85E-08	2.57E-08	1.13E-08	2.38E-07
218	561084.7	4192660	4.94E-08	6.21E-08	4.87E-08	4.88E-08	4.87E-08	3.61E-08	2.19E-08	3.16E-07	3.53E-08	4.84E-08	3.78E-08	3.79E-08	3.78E-08	2.52E-08	1.10E-08	2.33E-07
219	561094	4192662	4.81E-08	6.05E-08	4.74E-08	4.76E-08	4.74E-08	3.52E-08	2.13E-08	3.07E-07	3.44E-08	4.71E-08	3.68E-08	3.69E-08	3.68E-08	2.45E-08	1.07E-08	2.27E-07
220	561103.2	4192665	4.65E-08	5.85E-08	4.59E-08	4.61E-08	4.59E-08	3.41E-08	2.06E-08	2.98E-07	3.33E-08	4.56E-08	3.56E-08	3.57E-08	3.56E-08	2.37E-08	1.04E-08	2.20E-07
221	561112.4	4192667	4.48E-08	5.63E-08	4.42E-08	4.43E-08	4.42E-08	3.28E-08	1.99E-08	2.87E-07	3.20E-08	4.39E-08	3.43E-08	3.44E-08	3.43E-08	2.29E-08	1.00E-08	2.12E-07
222	561036	4192657	4.69E-08	5.90E-08	4.63E-08	4.64E-08	4.63E-08	3.43E-08	2.08E-08	3.00E-07	3.35E-08	4.60E-08	3.59E-08	3.60E-08	3.59E-08	2.39E-08	1.05E-08	2.22E-07
223	561045.3	4192659	4.71E-08	5.93E-08	4.65E-08	4.67E-08	4.65E-08	3.45E-08	2.09E-08	3.02E-07	3.37E-08	4.62E-08	3.61E-08	3.62E-08	3.61E-08	2.41E-08	1.05E-08	2.23E-07
224	561054.5	4192662	4.71E-08	5.92E-08	4.65E-08	4.66E-08	4.65E-08	3.45E-08	2.09E-08	3.01E-07	3.37E-08	4.62E-08	3.60E-08	3.61E-08	3.60E-08	2.40E-08	1.05E-08	2.23E-07
225	561063.7	4192664	4.68E-08	5.88E-08	4.62E-08	4.63E-08	4.62E-08	3.42E-08	2.08E-08	2.99E-07	3.35E-08	4.58E-08	3.58E-08	3.59E-08	3.58E-08	2.39E-08	1.04E-08	2.21E-07
226	561072.9	4192667	4.62E-08	5.81E-08	4.56E-08	4.57E-08	4.56E-08	3.38E-08	2.05E-08	2.95E-07	3.30E-08	4.52E-08	3.53E-08	3.54E-08	3.53E-08	2.36E-08	1.03E-08	2.18E-07
227	561082.1	4192669	4.53E-08	5.70E-08	4.47E-08	4.48E-08	4.47E-08	3.32E-08	2.01E-08	2.90E-07	3.24E-08	4.44E-08	3.47E-08	3.48E-08	3.47E-08	2.31E-08	1.01E-08	2.14E-07
228	561091.4	4192672	4.42E-08	5.56E-08	4.36E-08	4.37E-08	4.36E-08	3.23E-08	1.96E-08	2.83E-07	3.16E-08	4.33E-08	3.38E-08	3.39E-08	3.38E-08	2.26E-08	9.87E-09	2.09E-07
229	561100.6	4192674	4.29E-08	5.39E-08	4.23E-08	4.24E-08	4.23E-08	3.14E-08	1.9									

270	561069.1	4192718	3.12E-08	3.92E-08	3.08E-08	3.09E-08	3.08E-08	2.28E-08	1.38E-08	2.00E-07	2.23E-08	3.06E-08	2.39E-08	2.39E-08	2.39E-08	1.59E-08	6.97E-09	1.47E-07
271	561078.3	4192720	3.07E-08	3.86E-08	3.03E-08	3.04E-08	3.03E-08	2.25E-08	1.36E-08	1.96E-07	2.19E-08	3.01E-08	2.35E-08	2.35E-08	2.35E-08	1.57E-08	6.85E-09	1.45E-07
272	561087.5	4192723	3.01E-08	3.78E-08	2.97E-08	2.97E-08	2.97E-08	2.20E-08	1.33E-08	1.92E-07	2.15E-08	2.95E-08	2.30E-08	2.31E-08	2.30E-08	1.53E-08	6.71E-09	1.42E-07
273	561096.8	4192725	2.94E-08	3.69E-08	2.90E-08	2.91E-08	2.90E-08	2.15E-08	1.30E-08	1.88E-07	2.10E-08	2.88E-08	2.25E-08	2.25E-08	2.25E-08	1.50E-08	6.56E-09	1.39E-07
274	561029.6	4192717	3.01E-08	3.78E-08	2.97E-08	2.98E-08	2.97E-08	2.20E-08	1.34E-08	1.93E-07	2.10E-08	2.95E-08	2.30E-08	2.31E-08	2.30E-08	1.54E-08	6.72E-09	1.42E-07
275	561038.9	4192720	3.00E-08	3.78E-08	2.96E-08	2.97E-08	2.96E-08	2.20E-08	1.33E-08	1.92E-07	2.15E-08	2.94E-08	2.30E-08	2.30E-08	2.30E-08	1.53E-08	6.71E-09	1.42E-07
276	561048.1	4192722	2.99E-08	3.75E-08	2.95E-08	2.95E-08	2.95E-08	2.19E-08	1.32E-08	1.91E-07	2.14E-08	2.93E-08	2.28E-08	2.29E-08	2.28E-08	1.52E-08	6.67E-09	1.41E-07
277	561057.3	4192725	2.96E-08	3.72E-08	2.92E-08	2.93E-08	2.92E-08	2.17E-08	1.31E-08	1.89E-07	2.12E-08	2.90E-08	2.26E-08	2.27E-08	2.26E-08	1.51E-08	6.61E-09	1.40E-07
278	561066.5	4192727	2.92E-08	3.67E-08	2.88E-08	2.89E-08	2.88E-08	2.14E-08	1.30E-08	1.87E-07	2.09E-08	2.86E-08	2.24E-08	2.24E-08	2.24E-08	1.49E-08	6.53E-09	1.38E-07
279	561075.7	4192730	2.88E-08	3.62E-08	2.84E-08	2.85E-08	2.84E-08	2.10E-08	1.28E-08	1.84E-07	2.06E-08	2.82E-08	2.20E-08	2.21E-08	2.20E-08	1.47E-08	6.42E-09	1.36E-07
280	561084.9	4192732	2.82E-08	3.55E-08	2.79E-08	2.79E-08	2.79E-08	2.07E-08	1.25E-08	1.81E-07	2.02E-08	2.77E-08	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.30E-09	1.33E-07
281	561094.2	4192735	2.76E-08	3.47E-08	2.73E-08	2.73E-08	2.73E-08	2.02E-08	1.23E-08	1.77E-07	1.97E-08	2.71E-08	2.11E-08	2.12E-08	2.11E-08	1.41E-08	6.17E-09	1.31E-07
282	561027	4192727	2.82E-08	3.55E-08	2.78E-08	2.79E-08	2.78E-08	2.07E-08	1.25E-08	1.80E-07	2.02E-08	2.76E-08	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.30E-09	1.33E-07
283	561036.2	4192729	2.81E-08	3.54E-08	2.78E-08	2.79E-08	2.78E-08	2.06E-08	1.25E-08	1.80E-07	2.01E-08	2.76E-08	2.15E-08	2.16E-08	2.15E-08	1.44E-08	6.29E-09	1.33E-07
284	561045.5	4192732	2.80E-08	3.52E-08	2.76E-08	2.77E-08	2.76E-08	2.05E-08	1.24E-08	1.79E-07	2.00E-08	2.74E-08	2.14E-08	2.15E-08	2.14E-08	1.43E-08	6.25E-09	1.32E-07
285	561054.7	4192734	2.77E-08	3.49E-08	2.74E-08	2.75E-08	2.74E-08	2.03E-08	1.23E-08	1.77E-07	1.98E-08	2.72E-08	2.12E-08	2.13E-08	2.12E-08	1.42E-08	6.20E-09	1.31E-07
286	561063.9	4192737	2.74E-08	3.45E-08	2.71E-08	2.71E-08	2.71E-08	2.01E-08	1.22E-08	1.75E-07	1.96E-08	2.69E-08	2.10E-08	2.10E-08	2.10E-08	1.40E-08	6.13E-09	1.30E-07
287	561073.1	4192739	2.70E-08	3.40E-08	2.67E-08	2.67E-08	2.67E-08	1.98E-08	1.20E-08	1.73E-07	1.93E-08	2.65E-08	2.07E-08	2.07E-08	2.07E-08	1.38E-08	6.04E-09	1.28E-07
288	561082.3	4192742	2.65E-08	3.34E-08	2.62E-08	2.63E-08	2.62E-08	1.94E-08	1.18E-08	1.70E-07	1.90E-08	2.60E-08	2.03E-08	2.04E-08	2.03E-08	1.35E-08	5.93E-09	1.25E-07
289	561091.6	4192744	2.60E-08	3.27E-08	2.57E-08	2.57E-08	2.57E-08	1.90E-08	1.15E-08	1.66E-07	1.86E-08	2.55E-08	1.99E-08	2.00E-08	1.99E-08	1.33E-08	5.81E-09	1.23E-07
290	561024.4	4192737	2.65E-08	3.34E-08	2.62E-08	2.62E-08	2.62E-08	1.94E-08	1.18E-08	1.70E-07	1.90E-08	2.60E-08	2.03E-08	2.04E-08	2.03E-08	1.35E-08	5.92E-09	1.25E-07
291	561033.6	4192739	2.65E-08	3.33E-08	2.61E-08	2.62E-08	2.61E-08	1.94E-08	1.17E-08	1.69E-07	1.89E-08	2.59E-08	2.02E-08	2.03E-08	2.02E-08	1.35E-08	5.91E-09	1.25E-07
292	561042.9	4192742	2.63E-08	3.31E-08	2.60E-08	2.60E-08	2.60E-08	1.93E-08	1.17E-08	1.68E-07	1.88E-08	2.58E-08	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.88E-09	1.24E-07
293	561052.1	4192744	2.61E-08	3.28E-08	2.57E-08	2.58E-08	2.57E-08	1.91E-08	1.16E-08	1.67E-07	1.87E-08	2.56E-08	2.00E-08	2.00E-08	2.00E-08	1.33E-08	5.87E-09	1.23E-07
294	561061.3	4192747	2.58E-08	3.24E-08	2.55E-08	2.55E-08	2.55E-08	1.89E-08	1.14E-08	1.65E-07	1.84E-08	2.53E-08	1.97E-08	1.98E-08	1.97E-08	1.32E-08	5.76E-09	1.22E-07
295	561070.5	4192749	2.54E-08	3.20E-08	2.51E-08	2.52E-08	2.51E-08	1.86E-08	1.13E-08	1.63E-07	1.82E-08	2.49E-08	1.95E-08	1.95E-08	1.95E-08	1.30E-08	5.68E-09	1.20E-07
296	561079.7	4192752	2.50E-08	3.15E-08	2.47E-08	2.48E-08	2.47E-08	1.83E-08	1.11E-08	1.60E-07	1.79E-08	2.45E-08	1.92E-08	1.92E-08	1.92E-08	1.28E-08	5.59E-09	1.18E-07
297	561089	4192754	2.46E-08	3.09E-08	2.42E-08	2.43E-08	2.42E-08	1.80E-08	1.09E-08	1.57E-07	1.76E-08	2.41E-08	1.88E-08	1.88E-08	1.88E-08	1.25E-08	5.49E-09	1.16E-07
298	561021.8	4192746	2.50E-08	3.14E-08	2.47E-08	2.47E-08	2.47E-08	1.83E-08	1.11E-08	1.60E-07	1.79E-08	2.45E-08	1.91E-08	1.92E-08	1.91E-08	1.27E-08	5.58E-09	1.18E-07
299	561031	4192749	2.49E-08	3.13E-08	2.46E-08	2.47E-08	2.46E-08	1.82E-08	1.11E-08	1.59E-07	1.78E-08	2.44E-08	1.91E-08	1.91E-08	1.91E-08	1.27E-08	5.56E-09	1.18E-07
300	561040.3	4192751	2.48E-08	3.12E-08	2.44E-08	2.45E-08	2.44E-08	1.81E-08	1.10E-08	1.58E-07	1.77E-08	2.43E-08	1.90E-08	1.90E-08	1.90E-08	1.26E-08	5.53E-09	1.17E-07
301	561049.5	4192754	2.46E-08	3.09E-08	2.43E-08	2.43E-08	2.43E-08	1.80E-08	1.09E-08	1.57E-07	1.76E-08	2.41E-08	1.88E-08	1.89E-08	1.88E-08	1.25E-08	5.49E-09	1.16E-07
302	561058.7	4192756	2.43E-08	3.06E-08	2.40E-08	2.41E-08	2.40E-08	1.78E-08	1.08E-08	1.56E-07	1.74E-08	2.38E-08	1.86E-08	1.87E-08	1.86E-08	1.24E-08	5.43E-09	1.15E-07
303	561067.9	4192759	2.40E-08	3.02E-08	2.37E-08	2.38E-08	2.37E-08	1.76E-08	1.06E-08	1.54E-07	1.72E-08	2.35E-08	1.84E-08	1.84E-08	1.84E-08	1.22E-08	5.36E-09	1.13E-07
304	561077.1	4192761	2.36E-08	2.97E-08	2.33E-08	2.34E-08	2.33E-08	1.73E-08	1.05E-08	1.51E-07	1.69E-08	2.32E-08	1.81E-08	1.81E-08	1.81E-08	1.21E-08	5.28E-09	1.12E-07
305	561086.3	4192764	2.32E-08	2.92E-08	2.29E-08	2.30E-08	2.29E-08	1.70E-08	1.03E-08	1.49E-07	1.66E-08	2.28E-08	1.78E-08	1.78E-08	1.78E-08	1.19E-08	5.19E-09	1.10E-07
306	561019.2	4192756	2.36E-08	2.97E-08	2.33E-08	2.33E-08	2.33E-08	1.73E-08	1.05E-08	1.51E-07	1.69E-08	2.31E-08	1.80E-08	1.81E-08	1.80E-08	1.20E-08	5.27E-09	1.11E-07
307	561028.4	4192758	2.35E-08	2.96E-08	2.32E-08	2.33E-08	2.32E-08	1.72E-08	1.04E-08	1.50E-07	1.68E-08	2.30E-08	1.80E-08	1.80E-08	1.80E-08	1.20E-08	5.25E-09	1.11E-07
308	561037.6	4192761	2.34E-08	2.94E-08	2.31E-08	2.31E-08	2.31E-08	1.71E-08	1.04E-08	1.50E-07	1.67E-08	2.29E-08	1.79E-08	1.79E-08	1.79E-08	1.19E-08	5.22E-09	1.11E-07
309	561046.9	4192763	2.32E-08	2.92E-08	2.29E-08	2.30E-08	2.29E-08	1.70E-08	1.03E-08	1.48E-07	1.66E-08	2.27E-08	1.78E-08	1.78E-08	1.78E-08	1.18E-08	5.18E-09	1.10E-07
310	561056.1	4192766	2.30E-08	2.89E-08	2.27E-08	2.27E-08	2.27E-08	1.68E-08	1.02E-08	1.47E-07	1.64E-08	2.25E-08	1.76E-08	1.76E-08	1.76E-08	1.17E-08	5.13E-09	1.09E-07
311	561065.3	4192768	2.27E-08	2.85E-08	2.24E-08	2.25E-08	2.24E-08	1.66E-08	1.01E-08	1.45E-07	1.62E-08	2.22E-08	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.07E-09	1.07E-07
312	561074.5	4192771	2.24E-08	2.81E-08	2.21E-08	2.21E-08	2.21E-08	1.64E-08	9.92E-09	1.43E-07	1.60E-08	2.19E-08	1.71E-08	1.72E-08	1.71E-08	1.14E-08	5.00E-09	1.06E-07
313	561083.7	4192773	2.20E-08	2.77E-08	2.17E-08	2.18E-08	2.17E-08	1.61E-08	9.76E-09	1.41E-07	1.57E-08	2.16E-08	1.68E-08	1.69E-08	1.68E-08	1.12E-08	4.91E-09	1.04E-07
314	561016.6	4192766	2.23E-08	2.81E-08	2.20E-08	2.21E-08	2.20E-08	1.63E-08	9.90E-09	1.43E-07	1.60E-08	2.19E-08	1.71E-08	1.71E-08	1.71E-08	1.14E-08	4.98E-09	1.05E-07
315	561025.8	4192768	2.22E-08	2.80E-08	2.19E-08	2.20E-08	2.19E-08	1.63E-08	9.86E-09	1.42E-07	1.59E-08	2.18E-08	1.70E-08	1.71E-08	1.70E-08	1.13E-08	4.97E-09	1.05E-07
316	561035	4192771	2.21E-08	2.78E-08	2.18E-08	2.19E-08	2.18E-08	1.62E-08	9.81E-09	1.41E-07	1.58E-08	2.17E-08	1.69E-08	1.70E-08	1.69E-08	1.13E-08	4.94E-09	1.05E-07
317	561044.3	4192773	2.19E-08	2.76E-08	2.17E-08	2.17E-08	2.17E-08	1.61E-08	9.74E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.90E-09	1.04E-07
318	561053.5	4192776	2.17E-08	2.73E-08	2.15E-08	2.15E-08	2.15E-08	1.59E-08	9.64E-09	1.39E-07	1.55E-08	2.13E-08	1.66E-08	1.67E-08	1.66E-08	1.11E-08	4.86E-09	1.03E-07
319	561062.7	4192778	2.15E-08	2.70E-08	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.53E-09	1.37E-07	1.54E-08	2.11E-08	1.64E-08	1.65E-08	1.64E-08	1.10E-08	4.80E-09	1.02E-07
320	561071.9	4192781	2.12E-08	2.67E-08	2.09E-08	2.10E-08	2.09E-08	1.55E-08	9									

361	561068.1	4192831	1.64E-08	2.06E-08	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.26E-09	1.05E-07	1.17E-08	1.60E-08	1.25E-08	1.26E-08	1.25E-08	8.35E-09	3.66E-09	7.74E-08
362	561001	4192824	1.65E-08	2.08E-08	1.63E-08	1.64E-08	1.63E-08	1.21E-08	7.34E-09	1.06E-07	1.18E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	8.44E-09	3.70E-09	7.82E-08
363	561010.2	4192826	1.65E-08	2.07E-08	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.31E-09	1.05E-07	1.18E-08	1.61E-08	1.26E-08	1.26E-08	1.26E-08	8.40E-09	3.68E-09	7.79E-08
364	561019.4	4192829	1.64E-08	2.06E-08	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.27E-09	1.05E-07	1.17E-08	1.61E-08	1.25E-08	1.26E-08	1.25E-08	8.36E-09	3.66E-09	7.74E-08
365	561028.6	4192831	1.63E-08	2.05E-08	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.22E-09	1.04E-07	1.16E-08	1.59E-08	1.25E-08	1.25E-08	1.25E-08	8.30E-09	3.63E-09	7.69E-08
366	561037.9	4192834	1.61E-08	2.03E-08	1.59E-08	1.60E-08	1.59E-08	1.18E-08	7.16E-09	1.03E-07	1.15E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	8.24E-09	3.61E-09	7.63E-08
367	561047.1	4192836	1.60E-08	2.01E-08	1.58E-08	1.58E-08	1.58E-08	1.17E-08	7.10E-09	1.02E-07	1.14E-08	1.57E-08	1.22E-08	1.23E-08	1.22E-08	8.16E-09	3.57E-09	7.56E-08
368	561056.3	4192838	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.08E-09	3.54E-09	7.48E-08
369	561065.5	4192841	1.57E-08	1.97E-08	1.54E-08	1.55E-08	1.54E-08	1.15E-08	6.94E-09	1.00E-07	1.12E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	7.99E-09	3.50E-09	7.40E-08
370	560998.4	4192833	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	7.47E-08
371	561007.6	4192836	1.57E-08	1.98E-08	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.99E-09	1.01E-07	1.13E-08	1.54E-08	1.21E-08	1.21E-08	1.21E-08	8.03E-09	3.52E-09	7.44E-08
372	561016.8	4192838	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.95E-09	1.00E-07	1.12E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	7.99E-09	3.50E-09	7.40E-08
373	561026	4192841	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.90E-09	9.95E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.94E-09	3.48E-09	7.35E-08
374	561035.2	4192843	1.54E-08	1.94E-08	1.52E-08	1.53E-08	1.52E-08	1.13E-08	6.85E-09	9.87E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.87E-09	3.45E-09	7.29E-08
375	561044.5	4192846	1.53E-08	1.92E-08	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.79E-09	9.78E-08	1.09E-08	1.50E-08	1.17E-08	1.17E-08	1.17E-08	7.81E-09	3.42E-09	7.23E-08
376	561053.7	4192848	1.51E-08	1.90E-08	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.72E-09	9.69E-08	1.08E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	7.73E-09	3.38E-09	7.16E-08
377	561062.9	4192851	1.50E-08	1.88E-08	1.48E-08	1.48E-08	1.48E-08	1.10E-08	6.65E-09	9.58E-08	1.07E-08	1.47E-08	1.15E-08	1.15E-08	1.15E-08	7.64E-09	3.35E-09	7.08E-08
378	560995.8	4192843	1.51E-08	1.90E-08	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.72E-09	9.68E-08	1.08E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	7.72E-09	3.38E-09	7.16E-08
379	561005	4192845	1.51E-08	1.90E-08	1.49E-08	1.49E-08	1.49E-08	1.10E-08	6.69E-09	9.64E-08	1.08E-08	1.48E-08	1.15E-08	1.16E-08	1.15E-08	7.69E-09	3.37E-09	7.12E-08
380	561014.2	4192848	1.50E-08	1.89E-08	1.48E-08	1.48E-08	1.48E-08	1.10E-08	6.65E-09	9.59E-08	1.07E-08	1.47E-08	1.15E-08	1.15E-08	1.15E-08	7.65E-09	3.35E-09	7.09E-08
381	561023.4	4192850	1.49E-08	1.87E-08	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.61E-09	9.52E-08	1.06E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.60E-09	3.33E-09	7.04E-08
382	561032.6	4192853	1.48E-08	1.86E-08	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.56E-09	9.45E-08	1.06E-08	1.45E-08	1.13E-08	1.13E-08	1.13E-08	7.54E-09	3.30E-09	6.98E-08
383	561041.9	4192855	1.46E-08	1.84E-08	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.50E-09	9.37E-08	1.05E-08	1.44E-08	1.12E-08	1.12E-08	1.12E-08	7.47E-09	3.27E-09	6.92E-08
384	561051.1	4192858	1.45E-08	1.82E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.44E-09	9.28E-08	1.04E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.40E-09	3.24E-09	6.86E-08
385	561060.3	4192860	1.44E-08	1.81E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	9.18E-08	1.03E-08	1.41E-08	1.10E-08	1.10E-08	1.10E-08	7.33E-09	3.21E-09	6.79E-08
386	560993.2	4192853	1.45E-08	1.82E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.44E-09	9.28E-08	1.04E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.40E-09	3.24E-09	6.86E-08
387	561002.4	4192855	1.44E-08	1.82E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.41E-09	9.24E-08	1.03E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.37E-09	3.23E-09	6.83E-08
388	561011.6	4192857	1.44E-08	1.81E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	9.19E-08	1.03E-08	1.41E-08	1.10E-08	1.10E-08	1.10E-08	7.33E-09	3.21E-09	6.79E-08
389	561020.8	4192860	1.43E-08	1.79E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.33E-09	9.13E-08	1.02E-08	1.40E-08	1.09E-08	1.10E-08	1.09E-08	7.28E-09	3.19E-09	6.74E-08
390	561030	4192862	1.42E-08	1.78E-08	1.40E-08	1.40E-08	1.40E-08	1.04E-08	6.28E-09	9.06E-08	1.01E-08	1.39E-08	1.08E-08	1.09E-08	1.08E-08	7.23E-09	3.16E-09	6.69E-08
391	561039.3	4192865	1.40E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.23E-09	8.98E-08	1.00E-08	1.38E-08	1.07E-08	1.08E-08	1.07E-08	7.17E-09	3.14E-09	6.64E-08
392	561048.5	4192867	1.39E-08	1.75E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.17E-09	8.90E-08	9.95E-09	1.36E-08	1.06E-08	1.07E-08	1.06E-08	7.10E-09	3.11E-09	6.58E-08
393	561057.7	4192870	1.38E-08	1.73E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	8.81E-08	9.85E-09	1.35E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	6.51E-08
394	561179.1	4192570	6.79E-08	8.53E-08	6.70E-08	6.72E-08	6.70E-08	4.97E-08	3.01E-08	4.34E-07	4.85E-08	6.65E-08	5.19E-08	5.21E-08	5.19E-08	3.46E-08	1.52E-08	3.21E-07
395	561181.2	4192560	7.05E-08	8.86E-08	6.96E-08	6.98E-08	6.96E-08	5.16E-08	3.13E-08	4.51E-07	5.04E-08	6.91E-08	5.39E-08	5.41E-08	5.39E-08	3.60E-08	1.57E-08	3.33E-07
396	561183.4	4192551	7.29E-08	9.17E-08	7.20E-08	7.22E-08	7.20E-08	5.34E-08	3.23E-08	4.66E-07	5.21E-08	7.14E-08	5.58E-08	5.60E-08	5.58E-08	3.72E-08	1.63E-08	3.45E-07
397	561185.5	4192541	7.50E-08	9.43E-08	7.40E-08	7.42E-08	7.40E-08	5.49E-08	3.33E-08	4.80E-07	5.36E-08	7.35E-08	5.74E-08	5.75E-08	5.74E-08	3.83E-08	1.67E-08	3.54E-07
398	561187.6	4192532	7.66E-08	9.64E-08	7.56E-08	7.58E-08	7.56E-08	5.61E-08	3.40E-08	4.90E-07	5.48E-08	7.51E-08	5.87E-08	5.88E-08	5.87E-08	3.91E-08	1.71E-08	3.62E-07
399	561189.7	4192522	7.79E-08	9.80E-08	7.69E-08	7.71E-08	7.69E-08	5.70E-08	3.46E-08	4.98E-07	5.57E-08	7.64E-08	5.96E-08	5.98E-08	5.96E-08	3.98E-08	1.74E-08	3.68E-07
400	561191.9	4192512	7.88E-08	9.90E-08	7.77E-08	7.79E-08	7.77E-08	5.76E-08	3.49E-08	5.04E-07	5.63E-08	7.72E-08	6.03E-08	6.04E-08	6.03E-08	4.02E-08	1.76E-08	3.72E-07
401	561194	4192503	7.92E-08	9.95E-08	7.81E-08	7.83E-08	7.81E-08	5.79E-08	3.51E-08	5.06E-07	5.66E-08	7.76E-08	6.06E-08	6.07E-08	6.06E-08	4.04E-08	1.77E-08	3.74E-07
402	561196.1	4192493	7.94E-08	9.98E-08	7.84E-08	7.86E-08	7.84E-08	5.81E-08	3.52E-08	5.08E-07	5.68E-08	7.78E-08	6.08E-08	6.09E-08	6.08E-08	4.05E-08	1.77E-08	3.75E-07
403	561198.3	4192483	7.93E-08	9.97E-08	7.83E-08	7.85E-08	7.83E-08	5.80E-08	3.52E-08	5.07E-07	5.67E-08	7.77E-08	6.07E-08	6.09E-08	6.07E-08	4.05E-08	1.77E-08	3.75E-07
404	561200.4	4192474	7.87E-08	9.89E-08	7.76E-08	7.78E-08	7.76E-08	5.76E-08	3.49E-08	5.03E-07	5.63E-08	7.71E-08	6.02E-08	6.04E-08	6.02E-08	4.01E-08	1.76E-08	3.72E-07
405	561202.5	4192464	7.77E-08	9.77E-08	7.67E-08	7.69E-08	7.67E-08	5.69E-08	3.45E-08	4.97E-07	5.56E-08	7.61E-08	5.95E-08	5.96E-08	5.95E-08	3.96E-08	1.74E-08	3.67E-07
406	561204.7	4192455	7.67E-08	9.65E-08	7.57E-08	7.59E-08	7.57E-08	5.61E-08	3.40E-08	4.91E-07	5.49E-08	7.52E-08	5.87E-08	5.89E-08	5.87E-08	3.91E-08	1.71E-08	3.63E-07
407	561206.8	4192445	7.62E-08	9.58E-08	7.52E-08	7.54E-08	7.52E-08	5.58E-08	3.38E-08	4.87E-07	5.45E-08	7.47E-08	5.83E-08	5.85E-08	5.83E-08	3.89E-08	1.70E-08	3.60E-07
408	561208.9	4192435	7.56E-08	9.51E-08	7.46E-08	7.48E-08	7.46E-08	5.53E-08	3.35E-08	4.84E-07	5.41E-08	7.41E-08	5.79E-08	5.80E-08	5.79E-08	3.86E-08	1.69E-08	3.57E-07
409	561211.1	4192426	7.50E-08	9.44E-08	7.41E-08	7.43E-08	7.41E-08	5.49E-08	3.33E-08	4.80E-07	5.37E-08	7.35E-08	5.74E-08	5.76E-08	5.74E-08	3.83E-08	1.68E-08	3.55E-07
410	561213.2	4192416	7.44E-08	9.36E-08	7.34E-08	7.36E-08	7.34E-08	5.45E-08	3.30E-08	4.76E-07	5.32E-08	7.29E-08	5.69E-08	5.71E-08	5.69E-08	3.80E-08	1.66E-08	3.52E-07
411	561215.3	4192406	7.37E-08	9.27E-08	7.28E-08	7.30E-08	7.28E-08	5.40E-08	3.2									

452	561239.1	4192392	5.10E-08	6.41E-08	5.03E-08	5.05E-08	5.03E-08	3.73E-08	2.26E-08	3.26E-07	3.65E-08	5.00E-08	3.90E-08	3.91E-08	3.90E-08	2.60E-08	1.14E-08	2.41E-07
453	561184.2	4192617	4.55E-08	5.72E-08	4.49E-08	4.50E-08	4.49E-08	3.33E-08	2.02E-08	2.91E-07	3.25E-08	4.46E-08	3.48E-08	3.49E-08	3.48E-08	2.32E-08	1.02E-08	2.15E-07
454	561169.4	4192626	4.90E-08	6.17E-08	4.84E-08	4.85E-08	4.84E-08	3.59E-08	2.18E-08	3.14E-07	3.51E-08	4.81E-08	3.75E-08	3.76E-08	3.75E-08	2.50E-08	1.10E-08	2.32E-07
455	561160.1	4192627	5.26E-08	6.61E-08	5.19E-08	5.20E-08	5.19E-08	3.85E-08	2.33E-08	3.36E-07	3.76E-08	5.15E-08	4.02E-08	4.03E-08	4.02E-08	2.68E-08	1.17E-08	2.48E-07
456	561206.2	4192586	4.29E-08	5.40E-08	4.24E-08	4.25E-08	4.24E-08	3.14E-08	1.90E-08	2.75E-07	3.07E-08	4.20E-08	3.28E-08	3.29E-08	3.28E-08	2.19E-08	9.59E-09	2.03E-07
457	561208.4	4192576	4.39E-08	5.52E-08	4.33E-08	4.35E-08	4.33E-08	3.21E-08	1.95E-08	2.81E-07	3.14E-08	4.30E-08	3.36E-08	3.37E-08	3.36E-08	2.24E-08	9.81E-09	2.08E-07
458	561210.5	4192567	4.49E-08	5.65E-08	4.43E-08	4.44E-08	4.43E-08	3.29E-08	1.99E-08	2.87E-07	3.21E-08	4.40E-08	3.44E-08	3.44E-08	3.44E-08	2.29E-08	1.00E-08	2.12E-07
459	561212.6	4192557	4.58E-08	5.76E-08	4.52E-08	4.54E-08	4.52E-08	3.35E-08	2.03E-08	2.93E-07	3.28E-08	4.49E-08	3.51E-08	3.52E-08	3.51E-08	2.34E-08	1.02E-08	2.17E-07
460	561214.8	4192548	4.67E-08	5.87E-08	4.61E-08	4.62E-08	4.61E-08	3.42E-08	2.07E-08	2.99E-07	3.34E-08	4.58E-08	3.58E-08	3.59E-08	3.58E-08	2.38E-08	1.04E-08	2.21E-07
461	561216.9	4192538	4.75E-08	5.97E-08	4.69E-08	4.70E-08	4.69E-08	3.48E-08	2.11E-08	3.04E-07	3.40E-08	4.66E-08	3.64E-08	3.65E-08	3.64E-08	2.42E-08	1.06E-08	2.25E-07
462	561219	4192528	4.82E-08	6.06E-08	4.75E-08	4.77E-08	4.75E-08	3.53E-08	2.14E-08	3.08E-07	3.45E-08	4.72E-08	3.69E-08	3.70E-08	3.69E-08	2.46E-08	1.08E-08	2.28E-07
463	561221.2	4192519	4.87E-08	6.12E-08	4.81E-08	4.82E-08	4.81E-08	3.56E-08	2.16E-08	3.11E-07	3.48E-08	4.77E-08	3.73E-08	3.74E-08	3.73E-08	2.48E-08	1.09E-08	2.30E-07
464	561223.3	4192509	4.91E-08	6.17E-08	4.84E-08	4.85E-08	4.84E-08	3.59E-08	2.18E-08	3.14E-07	3.51E-08	4.81E-08	3.75E-08	3.76E-08	3.75E-08	2.50E-08	1.10E-08	2.32E-07
465	561225.4	4192500	4.93E-08	6.19E-08	4.86E-08	4.87E-08	4.86E-08	3.60E-08	2.19E-08	3.15E-07	3.52E-08	4.83E-08	3.77E-08	3.78E-08	3.77E-08	2.51E-08	1.10E-08	2.33E-07
466	561227.6	4192490	4.93E-08	6.20E-08	4.87E-08	4.88E-08	4.87E-08	3.61E-08	2.19E-08	3.15E-07	3.53E-08	4.83E-08	3.77E-08	3.78E-08	3.77E-08	2.52E-08	1.10E-08	2.33E-07
467	561229.7	4192480	4.92E-08	6.19E-08	4.86E-08	4.87E-08	4.86E-08	3.60E-08	2.18E-08	3.15E-07	3.52E-08	4.82E-08	3.77E-08	3.78E-08	3.77E-08	2.51E-08	1.10E-08	2.33E-07
468	561231.8	4192471	4.91E-08	6.17E-08	4.84E-08	4.85E-08	4.84E-08	3.59E-08	2.18E-08	3.14E-07	3.51E-08	4.81E-08	3.75E-08	3.76E-08	3.75E-08	2.50E-08	1.10E-08	2.32E-07
469	561234	4192461	4.88E-08	6.13E-08	4.81E-08	4.83E-08	4.81E-08	3.57E-08	2.16E-08	3.12E-07	3.49E-08	4.78E-08	3.73E-08	3.74E-08	3.73E-08	2.49E-08	1.09E-08	2.30E-07
470	561236.1	4192451	4.84E-08	6.08E-08	4.77E-08	4.79E-08	4.77E-08	3.54E-08	2.15E-08	3.09E-07	3.46E-08	4.74E-08	3.70E-08	3.71E-08	3.70E-08	2.47E-08	1.08E-08	2.29E-07
471	561238.2	4192442	4.79E-08	6.02E-08	4.72E-08	4.74E-08	4.72E-08	3.50E-08	2.12E-08	3.06E-07	3.42E-08	4.69E-08	3.66E-08	3.67E-08	3.66E-08	2.44E-08	1.07E-08	2.26E-07
472	561240.4	4192432	4.73E-08	5.95E-08	4.67E-08	4.68E-08	4.67E-08	3.46E-08	2.10E-08	3.03E-07	3.38E-08	4.64E-08	3.62E-08	3.63E-08	3.62E-08	2.41E-08	1.06E-08	2.24E-07
473	561242.5	4192423	4.67E-08	5.87E-08	4.61E-08	4.62E-08	4.61E-08	3.42E-08	2.07E-08	2.99E-07	3.34E-08	4.57E-08	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	2.21E-07
474	561244.6	4192413	4.60E-08	5.78E-08	4.54E-08	4.55E-08	4.54E-08	3.36E-08	2.04E-08	2.94E-07	3.29E-08	4.50E-08	3.52E-08	3.53E-08	3.52E-08	2.34E-08	1.03E-08	2.17E-07
475	561248.9	4192394	4.41E-08	5.55E-08	4.35E-08	4.37E-08	4.35E-08	3.23E-08	1.96E-08	2.82E-07	3.15E-08	4.32E-08	3.38E-08	3.39E-08	3.38E-08	2.25E-08	9.86E-09	2.09E-07
476	561189.3	4192626	4.09E-08	5.14E-08	4.03E-08	4.04E-08	4.03E-08	2.99E-08	1.81E-08	2.61E-07	2.92E-08	4.00E-08	3.13E-08	3.14E-08	3.13E-08	2.08E-08	9.13E-09	1.93E-07
477	561174.8	4192634	4.37E-08	5.50E-08	4.31E-08	4.33E-08	4.31E-08	3.20E-08	1.94E-08	2.80E-07	3.13E-08	4.28E-08	3.35E-08	3.36E-08	3.35E-08	2.23E-08	9.77E-09	2.07E-07
478	561165.8	4192636	4.66E-08	5.86E-08	4.60E-08	4.61E-08	4.60E-08	3.41E-08	2.07E-08	2.98E-07	3.33E-08	4.57E-08	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	2.20E-07
479	561156.7	4192637	4.93E-08	6.20E-08	4.86E-08	4.88E-08	4.86E-08	3.61E-08	2.19E-08	3.15E-07	3.52E-08	4.83E-08	3.77E-08	3.78E-08	3.77E-08	2.51E-08	1.10E-08	2.33E-07
480	561216	4192588	3.81E-08	4.80E-08	3.76E-08	3.78E-08	3.76E-08	2.79E-08	1.69E-08	2.44E-07	2.73E-08	3.74E-08	2.92E-08	2.93E-08	2.92E-08	1.95E-08	8.52E-09	1.80E-07
481	561218.1	4192579	3.89E-08	4.89E-08	3.84E-08	3.85E-08	3.84E-08	2.85E-08	1.73E-08	2.49E-07	2.78E-08	3.81E-08	2.98E-08	2.99E-08	2.98E-08	1.99E-08	8.69E-09	1.84E-07
482	561220.3	4192569	3.96E-08	4.98E-08	3.91E-08	3.92E-08	3.91E-08	2.90E-08	1.76E-08	2.53E-07	2.83E-08	3.88E-08	3.03E-08	3.04E-08	3.03E-08	2.02E-08	8.85E-09	1.87E-07
483	561222.4	4192559	4.03E-08	5.07E-08	3.98E-08	3.99E-08	3.98E-08	2.95E-08	1.79E-08	2.58E-07	2.88E-08	3.95E-08	3.09E-08	3.09E-08	3.09E-08	2.06E-08	9.01E-09	1.91E-07
484	561224.5	4192550	4.10E-08	5.16E-08	4.05E-08	4.06E-08	4.05E-08	3.00E-08	1.82E-08	2.62E-07	2.93E-08	4.02E-08	3.14E-08	3.15E-08	3.14E-08	2.09E-08	9.16E-09	1.94E-07
485	561226.7	4192540	4.16E-08	5.23E-08	4.11E-08	4.12E-08	4.11E-08	3.05E-08	1.85E-08	2.66E-07	2.98E-08	4.08E-08	3.19E-08	3.19E-08	3.19E-08	2.12E-08	9.30E-09	1.97E-07
486	561228.8	4192531	4.22E-08	5.30E-08	4.16E-08	4.17E-08	4.16E-08	3.09E-08	1.87E-08	2.70E-07	3.01E-08	4.13E-08	3.23E-08	3.24E-08	3.23E-08	2.15E-08	9.42E-09	1.99E-07
487	561230.9	4192521	4.26E-08	5.35E-08	4.20E-08	4.21E-08	4.20E-08	3.12E-08	1.89E-08	2.72E-07	3.04E-08	4.17E-08	3.26E-08	3.27E-08	3.26E-08	2.17E-08	9.51E-09	2.01E-07
488	561233.1	4192511	4.29E-08	5.39E-08	4.23E-08	4.24E-08	4.23E-08	3.14E-08	1.90E-08	2.74E-07	3.07E-08	4.20E-08	3.28E-08	3.29E-08	3.28E-08	2.19E-08	9.58E-09	2.03E-07
489	561235.2	4192502	4.31E-08	5.42E-08	4.25E-08	4.26E-08	4.25E-08	3.15E-08	1.91E-08	2.76E-07	3.08E-08	4.22E-08	3.30E-08	3.31E-08	3.30E-08	2.20E-08	9.62E-09	2.04E-07
490	561237.3	4192492	4.31E-08	5.43E-08	4.26E-08	4.27E-08	4.26E-08	3.16E-08	1.91E-08	2.76E-07	3.09E-08	4.23E-08	3.30E-08	3.31E-08	3.30E-08	2.20E-08	9.64E-09	2.04E-07
491	561239.5	4192482	4.31E-08	5.42E-08	4.25E-08	4.26E-08	4.25E-08	3.15E-08	1.91E-08	2.76E-07	3.08E-08	4.22E-08	3.30E-08	3.31E-08	3.30E-08	2.20E-08	9.63E-09	2.04E-07
492	561241.6	4192473	4.29E-08	5.40E-08	4.24E-08	4.25E-08	4.24E-08	3.14E-08	1.90E-08	2.75E-07	3.07E-08	4.21E-08	3.29E-08	3.29E-08	3.29E-08	2.19E-08	9.59E-09	2.03E-07
493	561243.7	4192463	4.27E-08	5.37E-08	4.21E-08	4.22E-08	4.21E-08	3.12E-08	1.89E-08	2.73E-07	3.05E-08	4.18E-08	3.27E-08	3.27E-08	3.27E-08	2.18E-08	9.53E-09	2.02E-07
494	561245.9	4192454	4.23E-08	5.32E-08	4.18E-08	4.19E-08	4.18E-08	3.10E-08	1.88E-08	2.71E-07	3.03E-08	4.15E-08	3.24E-08	3.25E-08	3.24E-08	2.16E-08	9.45E-09	2.00E-07
495	561248	4192444	4.19E-08	5.27E-08	4.13E-08	4.15E-08	4.13E-08	3.07E-08	1.86E-08	2.68E-07	3.00E-08	4.11E-08	3.21E-08	3.22E-08	3.21E-08	2.14E-08	9.36E-09	1.98E-07
496	561250.1	4192434	4.14E-08	5.21E-08	4.09E-08	4.10E-08	4.09E-08	3.03E-08	1.84E-08	2.65E-07	2.96E-08	4.06E-08	3.17E-08	3.18E-08	3.17E-08	2.11E-08	9.25E-09	1.96E-07
497	561252.3	4192425	4.08E-08	5.14E-08	4.03E-08	4.04E-08	4.03E-08	2.99E-08	1.81E-08	2.61E-07	2.92E-08	4.00E-08	3.12E-08	3.13E-08	3.12E-08	2.08E-08	9.12E-09	1.93E-07
498	561254.4	4192415	4.02E-08	5.05E-08	3.97E-08	3.98E-08	3.97E-08	2.94E-08	1.78E-08	2.57E-07	2.87E-08	3.94E-08	3.08E-08	3.08E-08	3.08E-08	2.05E-08	8.98E-09	1.90E-07
499	561258.6	4192396	3.86E-08	4.85E-08	3.81E-08	3.82E-08	3.81E-08	2.82E-08	1.71E-08	2.47E-07	2.76E-08	3.78E-08	2.95E-08	2.96E-08	2.95E-08	1.97E-08	8.62E-09	1.82E-07
500	561204.8	4192620	3.66E-08	4.60E-08	3.61E-08	3.62E-08	3.61E-08	2.68E-08	1.62E-08	2.34E-07	2.62E-08	3.58E-08	2.80E-08	2.81E-08	2.80E-08	1.87E-08	8.17E-09	1.73E-07
501	561194.3	4192634	3.70E-08	4.65E-08	3.65E-08	3.66E-08	3.65E-08	2.71E-08	1.64E-08	2.37E-07	2.65E-08	3.62E-08	2.83E-08	2.84E-08	2.83E-08	1.89E-08	8.26E-09	1.75E-07
502	561180.2	4192643	3.94E-08	4.95E-08	3.88E-08	3.90E-08	3.88E-08	2.88E-08	1									

543	561269.6	4192439	3.26E-08	4.09E-08	3.21E-08	3.22E-08	3.21E-08	2.38E-08	1.44E-08	2.08E-07	2.33E-08	3.19E-08	2.49E-08	2.50E-08	2.49E-08	1.66E-08	7.27E-09	1.54E-07
544	561271.8	4192429	3.21E-08	4.04E-08	3.17E-08	3.18E-08	3.17E-08	2.35E-08	1.43E-08	2.06E-07	2.30E-08	3.15E-08	2.46E-08	2.47E-08	2.46E-08	1.64E-08	7.18E-09	1.52E-07
545	561278.2	4192400	3.04E-08	3.83E-08	3.00E-08	3.01E-08	3.00E-08	2.23E-08	1.35E-08	1.95E-07	2.18E-08	2.98E-08	2.33E-08	2.33E-08	2.33E-08	1.55E-08	6.80E-09	1.44E-07
546	561222.4	4192627	3.02E-08	3.80E-08	2.98E-08	2.99E-08	2.98E-08	2.21E-08	1.34E-08	1.93E-07	2.16E-08	2.96E-08	2.31E-08	2.32E-08	2.31E-08	1.54E-08	6.75E-09	1.43E-07
547	561216.7	4192635	3.05E-08	3.84E-08	3.01E-08	3.02E-08	3.01E-08	2.23E-08	1.35E-08	1.95E-07	2.18E-08	2.99E-08	2.34E-08	2.34E-08	2.34E-08	1.56E-08	6.82E-09	1.44E-07
548	561210.9	4192643	3.08E-08	3.87E-08	3.04E-08	3.05E-08	3.04E-08	2.25E-08	1.37E-08	1.97E-07	2.20E-08	3.02E-08	2.35E-08	2.36E-08	2.35E-08	1.57E-08	6.87E-09	1.45E-07
549	561205.2	4192651	3.09E-08	3.88E-08	3.05E-08	3.06E-08	3.05E-08	2.26E-08	1.37E-08	1.98E-07	2.21E-08	3.03E-08	2.36E-08	2.37E-08	2.36E-08	1.58E-08	6.90E-09	1.46E-07
550	561189.7	4192660	3.28E-08	4.13E-08	3.24E-08	3.25E-08	3.24E-08	2.40E-08	1.46E-08	2.10E-07	2.35E-08	3.02E-08	2.51E-08	2.52E-08	2.51E-08	1.68E-08	7.34E-09	1.55E-07
551	561180	4192661	3.48E-08	4.38E-08	3.43E-08	3.44E-08	3.43E-08	2.55E-08	1.54E-08	2.23E-07	2.49E-08	3.41E-08	2.66E-08	2.67E-08	2.66E-08	1.78E-08	7.77E-09	1.64E-07
552	561170.3	4192663	3.67E-08	4.61E-08	3.62E-08	3.63E-08	3.62E-08	2.68E-08	1.63E-08	2.35E-07	2.62E-08	3.59E-08	2.81E-08	2.81E-08	2.81E-08	1.87E-08	8.19E-09	1.73E-07
553	561160.5	4192664	3.84E-08	4.83E-08	3.79E-08	3.80E-08	3.79E-08	2.81E-08	1.70E-08	2.46E-07	2.75E-08	3.76E-08	2.94E-08	2.95E-08	2.94E-08	1.96E-08	8.58E-09	1.82E-07
554	561150.8	4192666	3.99E-08	5.02E-08	3.94E-08	3.95E-08	3.94E-08	2.92E-08	1.77E-08	2.55E-07	2.85E-08	3.91E-08	3.06E-08	3.06E-08	3.06E-08	2.04E-08	8.92E-09	1.89E-07
555	561253.8	4192556	2.91E-08	3.66E-08	2.87E-08	2.88E-08	2.87E-08	2.13E-08	1.29E-08	1.86E-07	2.08E-08	2.85E-08	2.23E-08	2.23E-08	2.23E-08	1.49E-08	6.50E-09	1.38E-07
556	561256	4192547	2.94E-08	3.69E-08	2.90E-08	2.91E-08	2.90E-08	2.15E-08	1.30E-08	1.88E-07	2.10E-08	2.88E-08	2.25E-08	2.25E-08	2.25E-08	1.50E-08	6.56E-09	1.39E-07
557	561258.1	4192537	2.97E-08	3.73E-08	2.93E-08	2.94E-08	2.93E-08	2.17E-08	1.32E-08	1.90E-07	2.12E-08	2.91E-08	2.27E-08	2.28E-08	2.27E-08	1.51E-08	6.63E-09	1.40E-07
558	561260.2	4192527	2.99E-08	3.76E-08	2.95E-08	2.96E-08	2.95E-08	2.19E-08	1.33E-08	1.91E-07	2.14E-08	2.93E-08	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.68E-09	1.41E-07
559	561262.4	4192518	3.01E-08	3.79E-08	2.97E-08	2.98E-08	2.97E-08	2.20E-08	1.34E-08	1.93E-07	2.15E-08	2.95E-08	2.30E-08	2.31E-08	2.30E-08	1.54E-08	6.72E-09	1.42E-07
560	561264.5	4192508	3.02E-08	3.80E-08	2.98E-08	2.99E-08	2.98E-08	2.21E-08	1.34E-08	1.93E-07	2.16E-08	2.96E-08	2.31E-08	2.32E-08	2.31E-08	1.54E-08	6.75E-09	1.43E-07
561	561266.6	4192499	3.03E-08	3.81E-08	2.99E-08	2.99E-08	2.99E-08	2.21E-08	1.34E-08	1.94E-07	2.16E-08	2.96E-08	2.32E-08	2.32E-08	2.32E-08	1.54E-08	6.76E-09	1.43E-07
562	561268.7	4192489	3.02E-08	3.80E-08	2.98E-08	2.99E-08	2.98E-08	2.21E-08	1.34E-08	1.93E-07	2.16E-08	2.96E-08	2.31E-08	2.32E-08	2.31E-08	1.54E-08	6.75E-09	1.43E-07
563	561270.9	4192479	3.01E-08	3.79E-08	2.97E-08	2.98E-08	2.97E-08	2.21E-08	1.34E-08	1.93E-07	2.16E-08	2.95E-08	2.31E-08	2.31E-08	2.31E-08	1.54E-08	6.73E-09	1.42E-07
564	561273	4192470	3.00E-08	3.77E-08	2.96E-08	2.97E-08	2.96E-08	2.19E-08	1.33E-08	1.92E-07	2.14E-08	2.94E-08	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.70E-09	1.42E-07
565	561275.1	4192460	2.98E-08	3.74E-08	2.94E-08	2.94E-08	2.94E-08	2.18E-08	1.32E-08	1.90E-07	2.13E-08	2.92E-08	2.28E-08	2.28E-08	2.28E-08	1.52E-08	6.65E-09	1.41E-07
566	561277.3	4192450	2.95E-08	3.71E-08	2.91E-08	2.92E-08	2.91E-08	2.16E-08	1.31E-08	1.89E-07	2.11E-08	2.89E-08	2.26E-08	2.26E-08	2.26E-08	1.50E-08	6.59E-09	1.39E-07
567	561279.4	4192441	2.92E-08	3.67E-08	2.88E-08	2.89E-08	2.88E-08	2.14E-08	1.29E-08	1.87E-07	2.09E-08	2.86E-08	2.23E-08	2.24E-08	2.23E-08	1.49E-08	6.52E-09	1.38E-07
568	561281.5	4192431	2.88E-08	3.63E-08	2.85E-08	2.85E-08	2.85E-08	2.11E-08	1.28E-08	1.84E-07	2.06E-08	2.83E-08	2.21E-08	2.21E-08	2.21E-08	1.47E-08	6.44E-09	1.36E-07
569	561287.9	4192402	2.74E-08	3.44E-08	2.70E-08	2.71E-08	2.70E-08	2.00E-08	1.21E-08	1.75E-07	1.96E-08	2.68E-08	2.09E-08	2.10E-08	2.09E-08	1.40E-08	6.11E-09	1.29E-07
570	561232.7	4192628	2.75E-08	3.46E-08	2.71E-08	2.72E-08	2.71E-08	2.01E-08	1.22E-08	1.76E-07	1.97E-08	2.70E-08	2.10E-08	2.11E-08	2.10E-08	1.40E-08	6.14E-09	1.30E-07
571	561227.1	4192636	2.78E-08	3.50E-08	2.75E-08	2.76E-08	2.75E-08	2.04E-08	1.24E-08	1.78E-07	1.99E-08	2.73E-08	2.13E-08	2.14E-08	2.13E-08	1.42E-08	6.22E-09	1.32E-07
572	561221.5	4192644	2.81E-08	3.54E-08	2.78E-08	2.78E-08	2.78E-08	2.06E-08	1.25E-08	1.80E-07	2.01E-08	2.76E-08	2.15E-08	2.16E-08	2.15E-08	1.44E-08	6.29E-09	1.33E-07
573	561215.9	4192652	2.83E-08	3.56E-08	2.80E-08	2.80E-08	2.80E-08	2.07E-08	1.26E-08	1.81E-07	2.03E-08	2.78E-08	2.17E-08	2.17E-08	2.17E-08	1.45E-08	6.33E-09	1.34E-07
574	561210.3	4192659	2.84E-08	3.58E-08	2.81E-08	2.81E-08	2.81E-08	2.08E-08	1.26E-08	1.82E-07	2.03E-08	2.79E-08	2.18E-08	2.18E-08	2.18E-08	1.45E-08	6.35E-09	1.34E-07
575	561195.1	4192669	3.01E-08	3.79E-08	2.97E-08	2.98E-08	2.97E-08	2.20E-08	1.34E-08	1.93E-07	2.15E-08	2.95E-08	2.31E-08	2.31E-08	2.31E-08	1.54E-08	6.73E-09	1.42E-07
576	561185.6	4192670	3.18E-08	4.00E-08	3.14E-08	3.15E-08	3.14E-08	2.33E-08	1.41E-08	2.03E-07	2.27E-08	3.12E-08	2.43E-08	2.44E-08	2.43E-08	1.62E-08	7.11E-09	1.50E-07
577	561176.1	4192671	3.34E-08	4.21E-08	3.30E-08	3.31E-08	3.30E-08	2.45E-08	1.48E-08	2.14E-07	2.39E-08	3.28E-08	2.56E-08	2.57E-08	2.56E-08	1.71E-08	7.47E-09	1.58E-07
578	561166.6	4192673	3.50E-08	4.40E-08	3.45E-08	3.46E-08	3.45E-08	2.56E-08	1.55E-08	2.24E-07	2.50E-08	3.43E-08	2.68E-08	2.68E-08	2.68E-08	1.78E-08	7.81E-09	1.65E-07
579	561157.1	4192674	3.63E-08	4.57E-08	3.59E-08	3.60E-08	3.59E-08	2.66E-08	1.61E-08	2.32E-07	2.60E-08	3.56E-08	2.78E-08	2.79E-08	2.78E-08	1.85E-08	8.12E-09	1.72E-07
580	561147.6	4192675	3.75E-08	4.72E-08	3.70E-08	3.71E-08	3.70E-08	2.75E-08	1.67E-08	2.40E-07	2.68E-08	3.68E-08	2.87E-08	2.88E-08	2.87E-08	1.92E-08	8.38E-09	1.77E-07
581	561231.8	4192645	2.58E-08	3.24E-08	2.55E-08	2.55E-08	2.55E-08	1.89E-08	1.14E-08	1.65E-07	1.84E-08	2.53E-08	1.97E-08	1.98E-08	1.97E-08	1.32E-08	5.76E-09	1.22E-07
582	561226.3	4192653	2.60E-08	3.27E-08	2.57E-08	2.58E-08	2.57E-08	1.91E-08	1.15E-08	1.67E-07	1.86E-08	2.55E-08	1.99E-08	2.00E-08	1.99E-08	1.33E-08	5.81E-09	1.23E-07
583	561220.8	4192660	2.62E-08	3.30E-08	2.59E-08	2.59E-08	2.59E-08	1.92E-08	1.16E-08	1.68E-07	1.87E-08	2.57E-08	2.01E-08	2.01E-08	2.01E-08	1.34E-08	5.85E-09	1.24E-07
584	561215.3	4192668	2.63E-08	3.31E-08	2.60E-08	2.60E-08	2.60E-08	1.92E-08	1.17E-08	1.68E-07	1.88E-08	2.58E-08	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.88E-09	1.24E-07
585	561200.5	4192677	2.78E-08	3.49E-08	2.74E-08	2.75E-08	2.74E-08	2.03E-08	1.23E-08	1.78E-07	1.99E-08	2.72E-08	2.13E-08	2.13E-08	2.13E-08	1.42E-08	6.20E-09	1.31E-07
586	561191.1	4192678	2.92E-08	3.68E-08	2.89E-08	2.89E-08	2.89E-08	2.14E-08	1.30E-08	1.87E-07	2.09E-08	2.87E-08	2.24E-08	2.24E-08	2.24E-08	1.49E-08	6.53E-09	1.38E-07
587	561181.8	4192680	3.07E-08	3.86E-08	3.03E-08	3.04E-08	3.03E-08	2.24E-08	1.36E-08	1.96E-07	2.19E-08	3.01E-08	2.35E-08	2.35E-08	2.35E-08	1.56E-08	6.85E-09	1.45E-07
588	561172.5	4192681	3.20E-08	4.03E-08	3.16E-08	3.17E-08	3.16E-08	2.34E-08	1.42E-08	2.05E-07	2.29E-08	3.14E-08	2.45E-08	2.46E-08	2.45E-08	1.63E-08	7.16E-09	1.51E-07
589	561163.1	4192682	3.33E-08	4.18E-08	3.28E-08	3.29E-08	3.28E-08	2.44E-08	1.48E-08	2.13E-07	2.38E-08	3.26E-08	2.55E-08	2.55E-08	2.55E-08	1.70E-08	7.43E-09	1.57E-07
590	561153.8	4192684	3.44E-08	4.32E-08	3.39E-08	3.40E-08	3.39E-08	2.52E-08	1.53E-08	2.20E-07	2.46E-08	3.37E-08	2.63E-08	2.64E-08	2.63E-08	1.75E-08	7.68E-09	1.62E-07
591	561144.4	4192685	3.53E-08	4.44E-08	3.49E-08	3.49E-08	3.49E-08	2.58E-08	1.57E-08	2.26E-07	2.53E-08	3.46E-08	2.70E-08	2.71E-08	2.70E-08	1.80E-08	7.89E-09	1.67E-07
592	561264.8	4192599	2.32E-08	2.91E-08	2.29E-08	2.29E-08	2.29E-08	1.70E-08	1.03E-08	1.48E-07	1.66E-08	2.27E-08	1.77E-08	1.78E-08	1.77E-08	1.18E-08	5.18E-09	1.10E-07
593	561267	4192589	2.34E-08	2.94E-08	2.31E-08	2.31E-08	2.31E-08	1.71E-08	1									

634	561310.8	4192438	2.16E-08	2.71E-08	2.13E-08	2.13E-08	2.13E-08	1.58E-08	9.57E-09	1.38E-07	1.54E-08	2.11E-08	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.82E-09	1.02E-07
635	561317.2	4192409	2.06E-08	2.60E-08	2.04E-08	2.04E-08	2.04E-08	1.51E-08	9.16E-09	1.32E-07	1.48E-08	2.02E-08	1.58E-08	1.58E-08	1.58E-08	1.05E-08	4.61E-09	9.76E-08
636	561263	4192633	2.13E-08	2.68E-08	2.10E-08	2.11E-08	2.10E-08	1.56E-08	9.44E-09	1.36E-07	1.52E-08	2.08E-08	1.63E-08	1.63E-08	1.63E-08	1.09E-08	4.75E-09	1.01E-07
637	561257.6	4192641	2.16E-08	2.72E-08	2.13E-08	2.14E-08	2.13E-08	1.58E-08	9.59E-09	1.38E-07	1.55E-08	2.12E-08	1.65E-08	1.66E-08	1.65E-08	1.10E-08	4.83E-09	1.02E-07
638	561252.3	4192648	2.19E-08	2.75E-08	2.16E-08	2.17E-08	2.16E-08	1.60E-08	9.72E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.89E-09	1.04E-07
639	561211.1	4192694	2.39E-08	3.01E-08	2.36E-08	2.36E-08	2.36E-08	1.75E-08	1.06E-08	1.53E-07	1.71E-08	2.34E-08	1.83E-08	1.83E-08	1.83E-08	1.22E-08	5.34E-09	1.13E-07
640	561202	4192695	2.50E-08	3.15E-08	2.47E-08	2.48E-08	2.47E-08	1.83E-08	1.11E-08	1.60E-07	1.79E-08	2.45E-08	1.92E-08	1.92E-08	1.92E-08	1.28E-08	5.59E-09	1.18E-07
641	561192.9	4192697	2.62E-08	3.29E-08	2.58E-08	2.59E-08	2.58E-08	1.92E-08	1.16E-08	1.67E-07	1.87E-08	2.56E-08	2.00E-08	2.01E-08	2.00E-08	1.34E-08	5.85E-09	1.24E-07
642	561183.9	4192698	2.73E-08	3.43E-08	2.69E-08	2.70E-08	2.69E-08	2.00E-08	1.21E-08	1.74E-07	1.95E-08	2.67E-08	2.09E-08	2.09E-08	2.09E-08	1.39E-08	6.09E-09	1.29E-07
643	561174.8	4192699	2.83E-08	3.56E-08	2.79E-08	2.80E-08	2.79E-08	2.07E-08	1.26E-08	1.81E-07	2.02E-08	2.77E-08	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.32E-09	1.34E-07
644	561165.7	4192701	2.92E-08	3.67E-08	2.88E-08	2.89E-08	2.88E-08	2.14E-08	1.30E-08	1.87E-07	2.09E-08	2.86E-08	2.24E-08	2.24E-08	2.24E-08	1.49E-08	6.53E-09	1.38E-07
645	561156.6	4192702	3.01E-08	3.78E-08	2.97E-08	2.97E-08	2.97E-08	2.20E-08	1.33E-08	1.92E-07	2.15E-08	2.94E-08	2.30E-08	2.31E-08	2.30E-08	1.53E-08	6.71E-09	1.42E-07
646	561147.5	4192703	3.08E-08	3.87E-08	3.04E-08	3.04E-08	3.04E-08	2.25E-08	1.37E-08	1.97E-07	2.20E-08	3.01E-08	2.35E-08	2.36E-08	2.35E-08	1.67E-08	6.87E-09	1.45E-07
647	561138.4	4192704	3.14E-08	3.94E-08	3.10E-08	3.10E-08	3.10E-08	2.30E-08	1.39E-08	2.01E-07	2.24E-08	3.07E-08	2.40E-08	2.41E-08	2.40E-08	1.60E-08	7.01E-09	1.48E-07
648	561286.5	4192594	1.97E-08	2.48E-08	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	1.26E-07	1.41E-08	1.93E-08	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	9.32E-08
649	561288.6	4192584	1.98E-08	2.49E-08	1.96E-08	1.96E-08	1.96E-08	1.45E-08	8.79E-09	1.27E-07	1.42E-08	1.94E-08	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.43E-09	9.37E-08
650	561290.7	4192575	1.99E-08	2.50E-08	1.96E-08	1.97E-08	1.96E-08	1.46E-08	8.83E-09	1.27E-07	1.42E-08	1.95E-08	1.52E-08	1.53E-08	1.52E-08	1.02E-08	4.45E-09	9.41E-08
651	561292.9	4192565	2.00E-08	2.51E-08	1.97E-08	1.98E-08	1.97E-08	1.46E-08	8.87E-09	1.28E-07	1.43E-08	1.96E-08	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.47E-09	9.45E-08
652	561295	4192555	2.01E-08	2.52E-08	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.90E-09	1.28E-07	1.44E-08	1.97E-08	1.54E-08	1.54E-08	1.54E-08	1.02E-08	4.48E-09	9.49E-08
653	561297.1	4192546	2.01E-08	2.53E-08	1.99E-08	1.99E-08	1.99E-08	1.47E-08	8.94E-09	1.29E-07	1.44E-08	1.97E-08	1.54E-08	1.55E-08	1.54E-08	1.03E-08	4.50E-09	9.52E-08
654	561293.3	4192536	2.02E-08	2.54E-08	2.00E-08	2.00E-08	2.00E-08	1.48E-08	8.97E-09	1.29E-07	1.45E-08	1.98E-08	1.55E-08	1.55E-08	1.55E-08	1.03E-08	4.52E-09	9.56E-08
655	561301.4	4192526	2.03E-08	2.55E-08	2.00E-08	2.01E-08	2.00E-08	1.48E-08	9.00E-09	1.30E-07	1.45E-08	1.99E-08	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	9.59E-08
656	561303.5	4192517	2.03E-08	2.56E-08	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.02E-09	1.30E-07	1.45E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.54E-09	9.61E-08
657	561305.7	4192507	2.04E-08	2.56E-08	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.03E-09	1.30E-07	1.46E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.55E-09	9.62E-08
658	561307.8	4192498	2.04E-08	2.56E-08	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.03E-09	1.30E-07	1.46E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.55E-09	9.62E-08
659	561309.9	4192488	2.03E-08	2.56E-08	2.01E-08	2.01E-08	2.01E-08	1.49E-08	9.02E-09	1.30E-07	1.45E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.54E-09	9.61E-08
660	561312.1	4192478	2.03E-08	2.55E-08	2.00E-08	2.01E-08	2.00E-08	1.48E-08	9.00E-09	1.30E-07	1.45E-08	1.99E-08	1.55E-08	1.56E-08	1.55E-08	1.03E-08	4.53E-09	9.58E-08
661	561314.2	4192469	2.02E-08	2.54E-08	1.99E-08	2.00E-08	1.99E-08	1.48E-08	8.96E-09	1.29E-07	1.44E-08	1.98E-08	1.55E-08	1.55E-08	1.55E-08	1.03E-08	4.51E-09	9.54E-08
662	561316.3	4192459	2.01E-08	2.53E-08	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.91E-09	1.28E-07	1.44E-08	1.97E-08	1.54E-08	1.54E-08	1.54E-08	1.02E-08	4.49E-09	9.49E-08
663	561318.5	4192450	1.99E-08	2.51E-08	1.97E-08	1.97E-08	1.97E-08	1.46E-08	8.85E-09	1.28E-07	1.43E-08	1.95E-08	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.45E-09	9.42E-08
664	561320.6	4192440	1.98E-08	2.48E-08	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.77E-09	1.26E-07	1.41E-08	1.94E-08	1.51E-08	1.52E-08	1.51E-08	1.01E-08	4.41E-09	9.34E-08
665	561327	4192411	1.90E-08	2.39E-08	1.87E-08	1.88E-08	1.87E-08	1.39E-08	8.42E-09	1.21E-07	1.36E-08	1.86E-08	1.45E-08	1.46E-08	1.45E-08	9.68E-09	4.24E-09	8.97E-08
666	561271.2	4192638	1.98E-08	2.49E-08	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.77E-09	1.26E-07	1.41E-08	1.94E-08	1.51E-08	1.52E-08	1.51E-08	1.01E-08	4.42E-09	9.35E-08
667	561265.5	4192646	2.01E-08	2.53E-08	1.98E-08	1.99E-08	1.98E-08	1.47E-08	8.92E-09	1.29E-07	1.44E-08	1.97E-08	1.54E-08	1.54E-08	1.54E-08	1.03E-08	4.49E-09	9.50E-08
668	561259.7	4192654	2.04E-08	2.56E-08	2.01E-08	2.02E-08	2.01E-08	1.49E-08	9.05E-09	1.30E-07	1.46E-08	2.00E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.55E-09	9.64E-08
669	561254	4192661	2.06E-08	2.59E-08	2.04E-08	2.04E-08	2.04E-08	1.51E-08	9.16E-09	1.32E-07	1.48E-08	2.02E-08	1.58E-08	1.58E-08	1.58E-08	1.05E-08	4.61E-09	9.75E-08
670	561248.3	4192669	2.08E-08	2.62E-08	2.06E-08	2.06E-08	2.06E-08	1.53E-08	9.25E-09	1.33E-07	1.49E-08	2.04E-08	1.59E-08	1.60E-08	1.59E-08	1.06E-08	4.65E-09	9.85E-08
671	561242.6	4192677	2.10E-08	2.64E-08	2.07E-08	2.08E-08	2.07E-08	1.54E-08	9.32E-09	1.34E-07	1.50E-08	2.06E-08	1.61E-08	1.61E-08	1.61E-08	1.07E-08	4.69E-09	9.92E-08
672	561236.8	4192685	2.11E-08	2.66E-08	2.08E-08	2.09E-08	2.08E-08	1.55E-08	9.37E-09	1.35E-07	1.51E-08	2.07E-08	1.62E-08	1.62E-08	1.62E-08	1.08E-08	4.72E-09	9.98E-08
673	561215.6	4192703	2.24E-08	2.81E-08	2.21E-08	2.21E-08	2.21E-08	1.64E-08	9.92E-09	1.43E-07	1.60E-08	2.19E-08	1.71E-08	1.72E-08	1.71E-08	1.14E-08	5.00E-09	1.06E-07
674	561205.9	4192704	2.35E-08	2.95E-08	2.32E-08	2.32E-08	2.32E-08	1.72E-08	1.04E-08	1.50E-07	1.68E-08	2.30E-08	1.80E-08	1.80E-08	1.80E-08	1.20E-08	5.24E-09	1.11E-07
675	561196.2	4192706	2.46E-08	3.09E-08	2.42E-08	2.43E-08	2.42E-08	1.80E-08	1.09E-08	1.57E-07	1.76E-08	2.41E-08	1.88E-08	1.89E-08	1.88E-08	1.25E-08	5.49E-09	1.16E-07
676	561186.4	4192707	2.56E-08	3.22E-08	2.53E-08	2.54E-08	2.53E-08	1.88E-08	1.14E-08	1.64E-07	1.83E-08	2.51E-08	1.96E-08	1.97E-08	1.96E-08	1.31E-08	5.72E-09	1.21E-07
677	561176.7	4192708	2.66E-08	3.35E-08	2.63E-08	2.63E-08	2.63E-08	1.95E-08	1.18E-08	1.70E-07	1.90E-08	2.61E-08	2.04E-08	2.04E-08	2.04E-08	1.36E-08	5.94E-09	1.26E-07
678	561167	4192710	2.75E-08	3.46E-08	2.71E-08	2.72E-08	2.71E-08	2.01E-08	1.22E-08	1.76E-07	1.97E-08	2.69E-08	2.10E-08	2.11E-08	2.10E-08	1.40E-08	6.14E-09	1.30E-07
679	561157.2	4192711	2.83E-08	3.56E-08	2.79E-08	2.80E-08	2.79E-08	2.07E-08	1.25E-08	1.81E-07	2.02E-08	2.77E-08	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.32E-09	1.34E-07
680	561147.5	4192712	2.90E-08	3.64E-08	2.86E-08	2.87E-08	2.86E-08	2.12E-08	1.28E-08	1.85E-07	2.07E-08	2.84E-08	2.22E-08	2.22E-08	2.22E-08	1.48E-08	6.47E-09	1.37E-07
681	561137.8	4192714	2.95E-08	3.71E-08	2.91E-08	2.92E-08	2.91E-08	2.16E-08	1.31E-08	1.89E-07	2.11E-08	2.89E-08	2.26E-08	2.26E-08	2.26E-08	1.51E-08	6.59E-09	1.39E-07
682	561294.1	4192606	1.81E-08	2.28E-08	1.79E-08	1.79E-08	1.79E-08	1.33E-08	8.04E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.39E-08	1.39E-08	9.25E-09	4.05E-09	8.57E-08
683	561296.2	4192596	1.82E-08	2.29E-08	1.80E-08	1.80E-08	1.80E-08	1.33E-08	8.07E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.40E-08	1.39E-08	9.29E-09	4.07E-09	8.60E-08
684	561298.4	4192586	1.83E-08	2.30E-08	1.80E-08	1.81E-08	1.80E-08	1.34E-08	8.10E									

725	561316.7	4192550	1.71E-08	2.14E-08	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.57E-09	1.09E-07	1.22E-08	1.67E-08	1.30E-08	1.31E-08	1.30E-08	8.70E-09	3.81E-09	8.06E-08
726	561318.8	4192540	1.71E-08	2.15E-08	1.69E-08	1.69E-08	1.69E-08	1.25E-08	7.58E-09	1.09E-07	1.22E-08	1.68E-08	1.31E-08	1.31E-08	1.31E-08	8.72E-09	3.82E-09	8.08E-08
727	561320.9	4192531	1.71E-08	2.15E-08	1.69E-08	1.69E-08	1.69E-08	1.25E-08	7.60E-09	1.10E-07	1.22E-08	1.68E-08	1.31E-08	1.31E-08	1.31E-08	8.74E-09	3.83E-09	8.10E-08
728	561323.1	4192521	1.72E-08	2.16E-08	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.61E-09	1.10E-07	1.23E-08	1.68E-08	1.31E-08	1.32E-08	1.31E-08	8.75E-09	3.83E-09	8.11E-08
729	561325.2	4192512	1.72E-08	2.16E-08	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.62E-09	1.10E-07	1.23E-08	1.68E-08	1.31E-08	1.32E-08	1.31E-08	8.76E-09	3.84E-09	8.12E-08
730	561327.3	4192502	1.72E-08	2.16E-08	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.62E-09	1.10E-07	1.23E-08	1.68E-08	1.31E-08	1.32E-08	1.31E-08	8.76E-09	3.84E-09	8.12E-08
731	561329.5	4192492	1.72E-08	2.16E-08	1.69E-08	1.70E-08	1.69E-08	1.26E-08	7.61E-09	1.10E-07	1.23E-08	1.68E-08	1.31E-08	1.32E-08	1.31E-08	8.75E-09	3.83E-09	8.11E-08
732	561331.6	4192483	1.71E-08	2.15E-08	1.69E-08	1.70E-08	1.69E-08	1.25E-08	7.60E-09	1.10E-07	1.22E-08	1.68E-08	1.31E-08	1.31E-08	1.31E-08	8.74E-09	3.83E-09	8.10E-08
733	561333.7	4192473	1.71E-08	2.15E-08	1.69E-08	1.69E-08	1.69E-08	1.25E-08	7.58E-09	1.09E-07	1.22E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	8.72E-09	3.82E-09	8.08E-08
734	561335.9	4192463	1.70E-08	2.14E-08	1.68E-08	1.68E-08	1.68E-08	1.25E-08	7.55E-09	1.09E-07	1.22E-08	1.67E-08	1.30E-08	1.31E-08	1.30E-08	8.69E-09	3.80E-09	8.05E-08
735	561338	4192454	1.69E-08	2.13E-08	1.67E-08	1.68E-08	1.67E-08	1.24E-08	7.51E-09	1.08E-07	1.21E-08	1.66E-08	1.30E-08	1.30E-08	1.30E-08	8.64E-09	3.78E-09	8.00E-08
736	561340.1	4192444	1.68E-08	2.11E-08	1.66E-08	1.66E-08	1.66E-08	1.23E-08	7.46E-09	1.08E-07	1.20E-08	1.65E-08	1.29E-08	1.29E-08	1.29E-08	8.58E-09	3.76E-09	7.95E-08
737	561346.5	4192415	1.62E-08	2.04E-08	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	1.04E-07	1.16E-08	1.59E-08	1.24E-08	1.25E-08	1.24E-08	8.29E-09	3.63E-09	7.68E-08
738	561291.4	4192641	1.70E-08	2.14E-08	1.68E-08	1.68E-08	1.68E-08	1.25E-08	7.55E-09	1.09E-07	1.22E-08	1.67E-08	1.30E-08	1.31E-08	1.30E-08	8.68E-09	3.80E-09	8.04E-08
739	561285.8	4192649	1.73E-08	2.18E-08	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.68E-09	1.11E-07	1.24E-08	1.70E-08	1.32E-08	1.33E-08	1.32E-08	8.83E-09	3.87E-09	8.18E-08
740	561280.3	4192656	1.76E-08	2.21E-08	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.80E-09	1.12E-07	1.26E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	8.97E-09	3.93E-09	8.31E-08
741	561274.7	4192664	1.78E-08	2.24E-08	1.76E-08	1.76E-08	1.76E-08	1.30E-08	7.91E-09	1.14E-07	1.27E-08	1.75E-08	1.36E-08	1.37E-08	1.36E-08	9.09E-09	3.98E-09	8.42E-08
742	561269.1	4192672	1.80E-08	2.27E-08	1.78E-08	1.78E-08	1.78E-08	1.32E-08	8.00E-09	1.15E-07	1.29E-08	1.77E-08	1.38E-08	1.38E-08	1.38E-08	9.20E-09	4.03E-09	8.52E-08
743	561263.6	4192680	1.82E-08	2.29E-08	1.80E-08	1.80E-08	1.80E-08	1.33E-08	8.08E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.40E-08	1.39E-08	9.29E-09	4.07E-09	8.61E-08
744	561258	4192687	1.84E-08	2.31E-08	1.81E-08	1.82E-08	1.81E-08	1.34E-08	8.14E-09	1.17E-07	1.31E-08	1.80E-08	1.40E-08	1.41E-08	1.40E-08	9.37E-09	4.10E-09	8.68E-08
745	561252.4	4192695	1.85E-08	2.32E-08	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.20E-09	1.18E-07	1.32E-08	1.81E-08	1.41E-08	1.42E-08	1.41E-08	9.43E-09	4.13E-09	8.74E-08
746	561246.9	4192703	1.86E-08	2.34E-08	1.83E-08	1.84E-08	1.83E-08	1.36E-08	8.24E-09	1.19E-07	1.33E-08	1.82E-08	1.42E-08	1.43E-08	1.42E-08	9.48E-09	4.15E-09	8.78E-08
747	561241.3	4192711	1.86E-08	2.34E-08	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.27E-09	1.19E-07	1.33E-08	1.83E-08	1.43E-08	1.43E-08	1.43E-08	9.51E-09	4.16E-09	8.81E-08
748	561207.4	4192723	2.14E-08	2.69E-08	2.11E-08	2.12E-08	2.11E-08	1.56E-08	9.49E-09	1.37E-07	1.53E-08	2.10E-08	1.64E-08	1.64E-08	1.64E-08	1.09E-08	4.78E-09	1.01E-07
749	561197.9	4192724	2.22E-08	2.80E-08	2.20E-08	2.20E-08	2.20E-08	1.63E-08	9.87E-09	1.42E-07	1.59E-08	2.18E-08	1.70E-08	1.71E-08	1.70E-08	1.14E-08	4.97E-09	1.05E-07
750	561188.5	4192725	2.31E-08	2.90E-08	2.28E-08	2.28E-08	2.28E-08	1.69E-08	1.02E-08	1.48E-07	1.65E-08	2.26E-08	1.77E-08	1.77E-08	1.77E-08	1.18E-08	5.15E-09	1.09E-07
751	561179	4192727	2.38E-08	3.00E-08	2.35E-08	2.36E-08	2.35E-08	1.74E-08	1.06E-08	1.52E-07	1.70E-08	2.34E-08	1.82E-08	1.83E-08	1.82E-08	1.22E-08	5.32E-09	1.13E-07
752	561169.6	4192728	2.45E-08	3.08E-08	2.42E-08	2.43E-08	2.42E-08	1.80E-08	1.09E-08	1.57E-07	1.75E-08	2.40E-08	1.88E-08	1.88E-08	1.88E-08	1.25E-08	5.48E-09	1.16E-07
753	561160.1	4192729	2.51E-08	3.16E-08	2.48E-08	2.49E-08	2.48E-08	1.84E-08	1.12E-08	1.61E-07	1.80E-08	2.46E-08	1.92E-08	1.93E-08	1.92E-08	1.28E-08	5.62E-09	1.19E-07
754	561150.6	4192731	2.57E-08	3.23E-08	2.53E-08	2.54E-08	2.53E-08	1.88E-08	1.14E-08	1.64E-07	1.84E-08	2.51E-08	1.96E-08	1.97E-08	1.96E-08	1.31E-08	5.73E-09	1.21E-07
755	561141.2	4192732	2.61E-08	3.28E-08	2.58E-08	2.58E-08	2.58E-08	1.91E-08	1.16E-08	1.67E-07	1.87E-08	2.56E-08	2.00E-08	2.00E-08	2.00E-08	1.33E-08	5.83E-09	1.23E-07
756	561131.7	4192733	2.64E-08	3.33E-08	2.61E-08	2.62E-08	2.61E-08	1.94E-08	1.17E-08	1.69E-07	1.89E-08	2.59E-08	2.02E-08	2.03E-08	2.02E-08	1.35E-08	5.91E-09	1.25E-07
757	561313.6	4192610	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	9.96E-08	1.11E-08	1.53E-08	1.19E-08	1.19E-08	1.19E-08	7.95E-09	3.48E-09	7.36E-08
758	561315.8	4192600	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.92E-09	9.98E-08	1.12E-08	1.53E-08	1.19E-08	1.20E-08	1.19E-08	7.96E-09	3.49E-09	7.38E-08
759	561317.9	4192591	1.56E-08	1.97E-08	1.54E-08	1.55E-08	1.54E-08	1.14E-08	6.94E-09	1.00E-07	1.12E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	7.98E-09	3.49E-09	7.39E-08
760	561320	4192581	1.57E-08	1.97E-08	1.54E-08	1.55E-08	1.54E-08	1.15E-08	6.94E-09	1.00E-07	1.12E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	7.99E-09	3.50E-09	7.40E-08
761	561322.2	4192571	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	1.00E-07	1.12E-08	1.54E-08	1.20E-08	1.20E-08	1.20E-08	8.00E-09	3.50E-09	7.41E-08
762	561324.3	4192562	1.57E-08	1.98E-08	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.97E-09	1.01E-07	1.12E-08	1.54E-08	1.20E-08	1.21E-08	1.20E-08	8.02E-09	3.51E-09	7.43E-08
763	561326.4	4192552	1.58E-08	1.98E-08	1.56E-08	1.56E-08	1.56E-08	1.15E-08	6.99E-09	1.01E-07	1.13E-08	1.54E-08	1.21E-08	1.21E-08	1.21E-08	8.04E-09	3.52E-09	7.45E-08
764	561328.6	4192543	1.58E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.06E-09	3.53E-09	7.46E-08
765	561330.7	4192533	1.58E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	7.47E-08
766	561332.8	4192523	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.08E-09	3.54E-09	7.48E-08
767	561335	4192514	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.03E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	7.49E-08
768	561337.1	4192504	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.03E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	7.49E-08
769	561339.2	4192494	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	7.48E-08
770	561341.4	4192485	1.58E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.02E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.07E-09	3.53E-09	7.47E-08
771	561343.5	4192475	1.58E-08	1.99E-08	1.56E-08	1.56E-08	1.56E-08	1.16E-08	7.01E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.21E-08	1.21E-08	8.06E-09	3.53E-09	7.46E-08
772	561345.6	4192466	1.57E-08	1.98E-08	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.99E-09	1.01E-07	1.13E-08	1.54E-08	1.21E-08	1.21E-08	1.21E-08	8.04E-09	3.52E-09	7.44E-08
773	561347.7	4192456	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	1.00E-07	1.12E-08	1.54E-08	1.20E-08	1.20E-08	1.20E-08	8.00E-09	3.50E-09	7.41E-08
774	561349.9	4192446	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	9.97E-08	1.11E-08	1.53E-08	1.19E-08	1.20E-08	1.19E-08	7.95E-09	3.48E-09	7.36E-08
775	561301.4	4192643	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.0									

816	561300.5	4192660	1.53E-08	1.92E-08	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.78E-09	9.77E-08	1.09E-08	1.50E-08	1.17E-08	1.17E-08	1.17E-08	7.80E-09	3.41E-09	7.22E-08
817	561295.1	4192667	1.55E-08	1.95E-08	1.53E-08	1.53E-08	1.53E-08	1.14E-08	6.88E-09	9.92E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.91E-09	3.46E-09	7.33E-08
818	561289.6	4192675	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.97E-09	1.00E-07	1.12E-08	1.54E-08	1.20E-08	1.20E-08	1.20E-08	8.01E-09	3.51E-09	7.42E-08
819	561284.2	4192683	1.59E-08	2.00E-08	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	1.02E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	7.50E-08
820	561278.7	4192690	1.60E-08	2.02E-08	1.58E-08	1.59E-08	1.58E-08	1.17E-08	7.11E-09	1.03E-07	1.15E-08	1.57E-08	1.23E-08	1.23E-08	1.23E-08	8.18E-09	3.58E-09	7.57E-08
821	561273.3	4192698	1.62E-08	2.03E-08	1.60E-08	1.60E-08	1.60E-08	1.18E-08	7.17E-09	1.03E-07	1.16E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	8.25E-09	3.61E-09	7.64E-08
822	561267.9	4192705	1.63E-08	2.05E-08	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.23E-09	1.04E-07	1.17E-08	1.60E-08	1.25E-08	1.25E-08	1.25E-08	8.32E-09	3.64E-09	7.71E-08
823	561262.4	4192713	1.64E-08	2.06E-08	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.28E-09	1.05E-07	1.17E-08	1.61E-08	1.26E-08	1.26E-08	1.26E-08	8.37E-09	3.67E-09	7.76E-08
824	561257	4192720	1.65E-08	2.07E-08	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.32E-09	1.05E-07	1.18E-08	1.62E-08	1.26E-08	1.27E-08	1.26E-08	8.41E-09	3.68E-09	7.79E-08
825	561251.5	4192728	1.65E-08	2.08E-08	1.63E-08	1.64E-08	1.63E-08	1.21E-08	7.34E-09	1.06E-07	1.18E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	8.44E-09	3.70E-09	7.82E-08
826	561236.8	4192737	1.73E-08	2.18E-08	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.68E-09	1.11E-07	1.24E-08	1.70E-08	1.33E-08	1.33E-08	1.33E-08	8.83E-09	3.87E-09	8.18E-08
827	561227.6	4192738	1.81E-08	2.27E-08	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.01E-09	1.16E-07	1.29E-08	1.77E-08	1.38E-08	1.39E-08	1.38E-08	9.21E-09	4.03E-09	8.54E-08
828	561199.9	4192742	2.02E-08	2.54E-08	2.00E-08	2.00E-08	2.00E-08	1.48E-08	8.98E-09	1.29E-07	1.45E-08	1.98E-08	1.55E-08	1.55E-08	1.55E-08	1.03E-08	4.52E-09	9.56E-08
829	561190.6	4192743	2.09E-08	2.63E-08	2.06E-08	2.07E-08	2.06E-08	1.53E-08	9.27E-09	1.34E-07	1.49E-08	2.05E-08	1.60E-08	1.60E-08	1.60E-08	1.07E-08	4.67E-09	9.87E-08
830	561181.4	4192745	2.15E-08	2.70E-08	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.54E-09	1.38E-07	1.54E-08	2.11E-08	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.80E-09	1.02E-07
831	561172.1	4192746	2.21E-08	2.77E-08	2.18E-08	2.18E-08	2.18E-08	1.61E-08	9.78E-09	1.41E-07	1.58E-08	2.16E-08	1.69E-08	1.69E-08	1.69E-08	1.13E-08	4.93E-09	1.04E-07
832	561162.9	4192747	2.25E-08	2.83E-08	2.22E-08	2.23E-08	2.22E-08	1.65E-08	1.00E-08	1.44E-07	1.61E-08	2.21E-08	1.72E-08	1.73E-08	1.72E-08	1.15E-08	5.03E-09	1.07E-07
833	561153.6	4192749	2.30E-08	2.89E-08	2.27E-08	2.27E-08	2.27E-08	1.68E-08	1.02E-08	1.47E-07	1.64E-08	2.25E-08	1.76E-08	1.76E-08	1.76E-08	1.17E-08	5.13E-09	1.09E-07
834	561144.4	4192750	2.33E-08	2.93E-08	2.30E-08	2.31E-08	2.30E-08	1.71E-08	1.03E-08	1.49E-07	1.67E-08	2.28E-08	1.78E-08	1.79E-08	1.78E-08	1.19E-08	5.21E-09	1.10E-07
835	561135.2	4192751	2.36E-08	2.97E-08	2.33E-08	2.33E-08	2.33E-08	1.73E-08	1.05E-08	1.51E-07	1.69E-08	2.31E-08	1.81E-08	1.81E-08	1.81E-08	1.20E-08	5.27E-09	1.11E-07
836	561125.9	4192753	2.38E-08	2.99E-08	2.35E-08	2.36E-08	2.35E-08	1.74E-08	1.06E-08	1.52E-07	1.70E-08	2.33E-08	1.82E-08	1.83E-08	1.82E-08	1.21E-08	5.32E-09	1.12E-07
837	561333.2	4192614	1.35E-08	1.70E-08	1.34E-08	1.34E-08	1.34E-08	9.91E-09	6.01E-09	8.66E-08	9.69E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.91E-09	3.03E-09	6.40E-08
838	561335.3	4192605	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.92E-09	6.02E-09	8.67E-08	9.70E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	6.41E-08
839	561337.4	4192595	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.93E-09	6.02E-09	8.68E-08	9.70E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	6.41E-08
840	561339.6	4192585	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.93E-09	6.02E-09	8.68E-08	9.71E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	6.41E-08
841	561341.7	4192576	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.93E-09	6.02E-09	8.68E-08	9.71E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.92E-09	3.03E-09	6.41E-08
842	561343.8	4192566	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.94E-09	6.02E-09	8.69E-08	9.71E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.93E-09	3.03E-09	6.42E-08
843	561346	4192557	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.94E-09	6.03E-09	8.69E-08	9.72E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.93E-09	3.04E-09	6.42E-08
844	561348.1	4192547	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.95E-09	6.03E-09	8.70E-08	9.72E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
845	561350.2	4192537	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.95E-09	6.03E-09	8.70E-08	9.73E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
846	561352.4	4192528	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.96E-09	6.04E-09	8.70E-08	9.73E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
847	561354.5	4192518	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.96E-09	6.04E-09	8.71E-08	9.74E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.95E-09	3.04E-09	6.43E-08
848	561356.6	4192508	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.97E-09	6.04E-09	8.71E-08	9.74E-09	1.33E-08	1.04E-08	1.05E-08	1.04E-08	6.95E-09	3.04E-09	6.44E-08
849	561358.7	4192499	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.97E-09	6.04E-09	8.71E-08	9.74E-09	1.33E-08	1.04E-08	1.05E-08	1.04E-08	6.95E-09	3.04E-09	6.44E-08
850	561360.9	4192489	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.97E-09	6.04E-09	8.71E-08	9.74E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.95E-09	3.04E-09	6.44E-08
851	561363	4192480	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.96E-09	6.04E-09	8.70E-08	9.73E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
852	561365.1	4192470	1.36E-08	1.71E-08	1.34E-08	1.34E-08	1.34E-08	9.94E-09	6.03E-09	8.69E-08	9.71E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.93E-09	3.03E-09	6.42E-08
853	561367.3	4192460	1.35E-08	1.70E-08	1.34E-08	1.34E-08	1.34E-08	9.91E-09	6.01E-09	8.66E-08	9.68E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.91E-09	3.02E-09	6.40E-08
854	561369.4	4192451	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.86E-09	5.97E-09	8.61E-08	9.63E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.87E-09	3.01E-09	6.36E-08
855	561320	4192648	1.38E-08	1.74E-08	1.37E-08	1.37E-08	1.37E-08	1.01E-08	6.14E-09	8.86E-08	9.90E-09	1.36E-08	1.06E-08	1.06E-08	1.06E-08	7.07E-09	3.09E-09	6.55E-08
856	561314.3	4192656	1.41E-08	1.77E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.26E-09	9.03E-08	1.01E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.20E-09	3.15E-09	6.67E-08
857	561308.6	4192664	1.44E-08	1.81E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	9.19E-08	1.03E-08	1.41E-08	1.10E-08	1.10E-08	1.10E-08	7.33E-09	3.21E-09	6.79E-08
858	561302.8	4192672	1.46E-08	1.83E-08	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.47E-09	9.33E-08	1.04E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	7.44E-09	3.26E-09	6.89E-08
859	561297.1	4192680	1.48E-08	1.86E-08	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.55E-09	9.45E-08	1.06E-08	1.45E-08	1.13E-08	1.13E-08	1.13E-08	7.54E-09	3.30E-09	6.98E-08
860	561291.4	4192688	1.49E-08	1.88E-08	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.63E-09	9.55E-08	1.07E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	7.62E-09	3.34E-09	7.06E-08
861	561285.6	4192696	1.51E-08	1.90E-08	1.49E-08	1.49E-08	1.49E-08	1.10E-08	6.70E-09	9.65E-08	1.08E-08	1.48E-08	1.15E-08	1.16E-08	1.15E-08	7.70E-09	3.37E-09	7.13E-08
862	561279.9	4192704	1.52E-08	1.92E-08	1.50E-08	1.51E-08	1.50E-08	1.12E-08	6.76E-09	9.75E-08	1.09E-08	1.49E-08	1.17E-08	1.17E-08	1.17E-08	7.78E-09	3.41E-09	7.21E-08
863	561274.2	4192712	1.54E-08	1.93E-08	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.82E-09	9.84E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.85E-09	3.44E-09	7.27E-08
864	561268.5	4192720	1.55E-08	1.95E-08	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.87E-09	9.91E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.90E-09	3.46E-09	7.32E-08
865	561262.7	4192728	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	9.96E-08	1.11E-08	1.53E-08	1.19E-08	1.20E-08	1.19E-08	7.95E-09	3.48E-09	7.36E-08
866	561257	4192736	1.56E-08	1.97E-08	1.54E-08	1.55E-08	1.54E-08	1.14E-08	6.9									

907	561306.4	4192699	1.33E-08	1.67E-08	1.31E-08	1.32E-08	1.31E-08	9.74E-09	5.90E-09	8.51E-08	9.52E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.79E-09	2.97E-09	6.29E-08
908	561300.8	4192707	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.85E-09	5.97E-09	8.61E-08	9.62E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.87E-09	3.01E-09	6.36E-08
909	561295.2	4192714	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.95E-09	6.03E-09	8.69E-08	9.72E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.42E-08
910	561289.6	4192722	1.37E-08	1.73E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.09E-09	8.77E-08	9.81E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	7.00E-09	3.06E-09	6.48E-08
911	561284	4192730	1.38E-08	1.74E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.13E-09	8.84E-08	9.88E-09	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.05E-09	3.09E-09	6.53E-08
912	561278.4	4192738	1.39E-08	1.75E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.17E-09	8.90E-08	9.95E-09	1.36E-08	1.06E-08	1.07E-08	1.06E-08	7.10E-09	3.11E-09	6.57E-08
913	561272.8	4192746	1.40E-08	1.76E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	8.94E-08	1.00E-08	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.13E-09	3.12E-09	6.61E-08
914	561267.2	4192753	1.40E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.23E-09	8.98E-08	1.00E-08	1.38E-08	1.07E-08	1.08E-08	1.07E-08	7.16E-09	3.14E-09	6.63E-08
915	561252.1	4192763	1.47E-08	1.84E-08	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.51E-09	9.38E-08	1.05E-08	1.44E-08	1.12E-08	1.13E-08	1.12E-08	7.49E-09	3.28E-09	6.93E-08
916	561242.6	4192764	1.53E-08	1.92E-08	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.78E-09	9.77E-08	1.09E-08	1.50E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	7.22E-08
917	561233.1	4192765	1.59E-08	2.00E-08	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	1.02E-07	1.14E-08	1.56E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	7.50E-08
918	561223.6	4192767	1.65E-08	2.07E-08	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.31E-09	1.05E-07	1.18E-08	1.61E-08	1.26E-08	1.26E-08	1.26E-08	8.40E-09	3.68E-09	7.78E-08
919	561195	4192771	1.81E-08	2.28E-08	1.79E-08	1.79E-08	1.79E-08	1.33E-08	8.04E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.39E-08	1.39E-08	9.25E-09	4.05E-09	8.57E-08
920	561185.5	4192772	1.86E-08	2.34E-08	1.84E-08	1.84E-08	1.84E-08	1.36E-08	8.26E-09	1.19E-07	1.33E-08	1.82E-08	1.42E-08	1.43E-08	1.42E-08	9.50E-09	4.18E-09	8.80E-08
921	561176	4192773	1.90E-08	2.39E-08	1.88E-08	1.88E-08	1.88E-08	1.39E-08	8.45E-09	1.22E-07	1.36E-08	1.87E-08	1.46E-08	1.46E-08	1.46E-08	9.72E-09	4.25E-09	9.00E-08
922	561166.5	4192775	1.94E-08	2.44E-08	1.92E-08	1.92E-08	1.92E-08	1.42E-08	8.61E-09	1.24E-07	1.39E-08	1.90E-08	1.49E-08	1.49E-08	1.49E-08	9.91E-09	4.34E-09	9.18E-08
923	561157	4192776	1.97E-08	2.48E-08	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.76E-09	1.26E-07	1.41E-08	1.93E-08	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	9.33E-08
924	561147.4	4192777	2.00E-08	2.51E-08	1.97E-08	1.98E-08	1.97E-08	1.46E-08	8.87E-09	1.28E-07	1.43E-08	1.96E-08	1.53E-08	1.53E-08	1.53E-08	1.02E-08	4.47E-09	9.45E-08
925	561137.9	4192779	2.02E-08	2.54E-08	1.99E-08	2.00E-08	1.99E-08	1.48E-08	8.97E-09	1.29E-07	1.45E-08	1.98E-08	1.55E-08	1.55E-08	1.55E-08	1.03E-08	4.51E-09	9.55E-08
926	561128.4	4192780	2.04E-08	2.56E-08	2.01E-08	2.02E-08	2.01E-08	1.49E-08	9.04E-09	1.30E-07	1.46E-08	2.00E-08	1.56E-08	1.56E-08	1.56E-08	1.04E-08	4.55E-09	9.63E-08
927	561362.5	4192621	1.12E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	8.20E-09	4.97E-09	7.17E-08	8.02E-09	1.10E-08	8.58E-09	8.60E-09	8.58E-09	5.72E-09	2.50E-09	5.30E-08
928	561364.6	4192611	1.12E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	8.20E-09	4.97E-09	7.17E-08	8.01E-09	1.10E-08	8.57E-09	8.60E-09	8.57E-09	5.72E-09	2.50E-09	5.30E-08
929	561366.7	4192601	1.12E-08	1.41E-08	1.10E-08	1.11E-08	1.10E-08	8.19E-09	4.97E-09	7.16E-08	8.01E-09	1.10E-08	8.57E-09	8.59E-09	8.57E-09	5.71E-09	2.50E-09	5.29E-08
930	561368.8	4192592	1.12E-08	1.41E-08	1.10E-08	1.11E-08	1.10E-08	8.18E-09	4.96E-09	7.15E-08	8.00E-09	1.10E-08	8.56E-09	8.58E-09	8.56E-09	5.71E-09	2.50E-09	5.28E-08
931	561371	4192582	1.12E-08	1.40E-08	1.10E-08	1.11E-08	1.10E-08	8.17E-09	4.95E-09	7.14E-08	7.99E-09	1.09E-08	8.55E-09	8.57E-09	8.55E-09	5.70E-09	2.49E-09	5.28E-08
932	561373.1	4192573	1.12E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.16E-09	4.95E-09	7.13E-08	7.98E-09	1.09E-08	8.53E-09	8.56E-09	8.53E-09	5.69E-09	2.49E-09	5.27E-08
933	561375.2	4192563	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.15E-09	4.94E-09	7.13E-08	7.97E-09	1.09E-08	8.53E-09	8.55E-09	8.53E-09	5.68E-09	2.49E-09	5.27E-08
934	561377.4	4192553	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.15E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	5.26E-08
935	561379.5	4192544	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.15E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	5.26E-08
936	561381.6	4192534	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	5.26E-08
937	561383.8	4192525	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	5.26E-08
938	561385.9	4192515	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.52E-09	8.54E-09	8.52E-09	5.68E-09	2.49E-09	5.26E-08
939	561388	4192505	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.51E-09	8.54E-09	8.51E-09	5.68E-09	2.49E-09	5.26E-08
940	561390.2	4192496	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.93E-09	7.11E-08	7.95E-09	1.09E-08	8.51E-09	8.54E-09	8.51E-09	5.68E-09	2.48E-09	5.26E-08
941	561392.3	4192486	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.13E-09	4.93E-09	7.11E-08	7.95E-09	1.09E-08	8.51E-09	8.53E-09	8.51E-09	5.67E-09	2.48E-09	5.25E-08
942	561394.4	4192476	1.11E-08	1.40E-08	1.09E-08	1.10E-08	1.09E-08	8.12E-09	4.92E-09	7.10E-08	7.93E-09	1.09E-08	8.49E-09	8.51E-09	8.49E-09	5.66E-09	2.48E-09	5.24E-08
943	561396.6	4192467	1.11E-08	1.39E-08	1.09E-08	1.09E-08	1.09E-08	8.10E-09	4.91E-09	7.08E-08	7.91E-09	1.08E-08	8.47E-09	8.49E-09	8.47E-09	5.65E-09	2.47E-09	5.23E-08
944	561398.7	4192457	1.10E-08	1.39E-08	1.09E-08	1.09E-08	1.09E-08	8.07E-09	4.89E-09	7.05E-08	7.88E-09	1.08E-08	8.43E-09	8.46E-09	8.43E-09	5.62E-09	2.46E-09	5.21E-08
945	561366.7	4192631	1.08E-08	1.36E-08	1.07E-08	1.07E-08	1.07E-08	7.90E-09	4.79E-09	6.91E-08	7.72E-09	1.06E-08	8.26E-09	8.29E-09	8.26E-09	5.51E-09	2.41E-09	5.10E-08
946	561350	4192654	1.15E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.09E-09	7.34E-08	8.20E-09	1.12E-08	8.78E-09	8.80E-09	8.78E-09	5.85E-09	2.56E-09	5.42E-08
947	561344.5	4192662	1.17E-08	1.47E-08	1.15E-08	1.16E-08	1.15E-08	8.55E-09	5.18E-09	7.47E-08	8.35E-09	1.14E-08	8.94E-09	8.96E-09	8.94E-09	5.96E-09	2.61E-09	5.52E-08
948	561338.9	4192669	1.19E-08	1.49E-08	1.17E-08	1.17E-08	1.17E-08	8.69E-09	5.27E-09	7.59E-08	8.49E-09	1.16E-08	9.09E-09	9.11E-09	9.09E-09	6.06E-09	2.65E-09	5.61E-08
949	561311.2	4192708	1.27E-08	1.59E-08	1.25E-08	1.25E-08	1.25E-08	9.27E-09	5.62E-09	8.10E-08	9.06E-09	1.24E-08	9.70E-09	9.72E-09	9.70E-09	6.46E-09	2.83E-09	5.99E-08
950	561305.6	4192716	1.28E-08	1.61E-08	1.26E-08	1.27E-08	1.26E-08	9.37E-09	5.68E-09	8.19E-08	9.16E-09	1.25E-08	9.80E-09	9.82E-09	9.80E-09	6.53E-09	2.86E-09	6.05E-08
951	561300.1	4192723	1.29E-08	1.63E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.74E-09	8.27E-08	9.24E-09	1.27E-08	9.89E-09	9.92E-09	9.89E-09	6.60E-09	2.89E-09	6.11E-08
952	561294.6	4192731	1.30E-08	1.64E-08	1.29E-08	1.29E-08	1.29E-08	9.54E-09	5.78E-09	8.34E-08	9.32E-09	1.28E-08	9.98E-09	1.00E-08	9.98E-09	6.65E-09	2.91E-09	6.16E-08
953	561289	4192739	1.31E-08	1.65E-08	1.30E-08	1.30E-08	1.30E-08	9.61E-09	5.82E-09	8.40E-08	9.39E-09	1.29E-08	1.00E-08	1.01E-08	1.00E-08	6.70E-09	2.93E-09	6.21E-08
954	561283.5	4192747	1.32E-08	1.66E-08	1.30E-08	1.31E-08	1.30E-08	9.67E-09	5.86E-09	8.45E-08	9.45E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.74E-09	2.95E-09	6.24E-08
955	561277.9	4192754	1.33E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	9.72E-09	5.89E-09	8.49E-08	9.49E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.77E-09	2.97E-09	6.27E-08
956	561272.4	4192762	1.33E-08	1.68E-08	1.32E-08	1.32E-08	1.32E-08	9.76E-09	5.91E-09	8.53E-08	9.53E-09	1.31E-08	1.02E-08	1.02E-08	1.02E-08	6.80E-09	2.98E-09	6.30E-08
957	561257.4	4192771	1.39E-08	1.75E-08	1.37E-08	1.38E-08	1.37E-08	1.02E-08	6.18E-09</									

998	561262.7	4192780	1.32E-08	1.66E-08	1.31E-08	1.31E-08	1.31E-08	1.31E-08	9.68E-09	5.87E-09	8.46E-08	9.46E-09	1.30E-08	1.01E-08	1.01E-08	1.01E-08	6.75E-09	2.95E-09	6.25E-08
999	561253.3	4192781	1.37E-08	1.73E-08	1.36E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.09E-09	8.79E-08	9.82E-09	1.35E-08	1.05E-08	1.05E-08	1.05E-08	7.01E-09	3.07E-09	6.49E-08
1000	561244	4192782	1.43E-08	1.79E-08	1.41E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.32E-09	9.12E-08	1.02E-08	1.40E-08	1.09E-08	1.09E-08	1.09E-08	7.27E-09	3.18E-09	6.74E-08
1001	561234.6	4192784	1.48E-08	1.86E-08	1.46E-08	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.55E-09	9.44E-08	1.06E-08	1.45E-08	1.13E-08	1.13E-08	1.13E-08	7.53E-09	3.30E-09	6.98E-08
1002	561225.3	4192785	1.53E-08	1.92E-08	1.51E-08	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.77E-09	9.76E-08	1.09E-08	1.50E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	7.21E-08
1003	561215.9	4192786	1.57E-08	1.98E-08	1.55E-08	1.56E-08	1.55E-08	1.55E-08	1.15E-08	6.99E-09	1.01E-07	1.13E-08	1.54E-08	1.20E-08	1.21E-08	1.20E-08	8.03E-09	3.52E-09	7.44E-08
1004	561187.9	4192790	1.70E-08	2.14E-08	1.68E-08	1.69E-08	1.68E-08	1.68E-08	1.25E-08	7.56E-09	1.09E-07	1.22E-08	1.67E-08	1.30E-08	1.31E-08	1.30E-08	8.69E-09	3.81E-09	8.05E-08
1005	561178.6	4192792	1.74E-08	2.19E-08	1.72E-08	1.72E-08	1.72E-08	1.72E-08	1.27E-08	7.71E-09	1.11E-07	1.24E-08	1.70E-08	1.33E-08	1.33E-08	1.33E-08	8.87E-09	3.88E-09	8.22E-08
1006	561382	4192625	9.98E-09	1.26E-08	9.85E-09	9.88E-09	9.85E-09	9.85E-09	7.31E-09	4.43E-09	6.39E-08	7.14E-09	9.78E-09	7.64E-09	7.66E-09	7.64E-09	5.09E-09	2.23E-09	4.72E-08
1007	561384.1	4192615	9.97E-09	1.25E-08	9.84E-09	9.87E-09	9.84E-09	9.84E-09	7.30E-09	4.42E-09	6.38E-08	7.13E-09	9.77E-09	7.63E-09	7.65E-09	7.63E-09	5.09E-09	2.23E-09	4.71E-08
1008	561386.2	4192606	9.96E-09	1.25E-08	9.83E-09	9.85E-09	9.83E-09	9.83E-09	7.29E-09	4.42E-09	6.37E-08	7.12E-09	9.76E-09	7.62E-09	7.64E-09	7.62E-09	5.08E-09	2.22E-09	4.71E-08
1009	561388.4	4192596	9.94E-09	1.25E-08	9.81E-09	9.83E-09	9.81E-09	9.81E-09	7.27E-09	4.41E-09	6.36E-08	7.11E-09	9.74E-09	7.60E-09	7.63E-09	7.60E-09	5.07E-09	2.22E-09	4.70E-08
1010	561390.5	4192587	9.92E-09	1.25E-08	9.79E-09	9.81E-09	9.79E-09	9.79E-09	7.26E-09	4.40E-09	6.34E-08	7.09E-09	9.72E-09	7.59E-09	7.61E-09	7.59E-09	5.06E-09	2.22E-09	4.69E-08
1011	561392.6	4192577	9.90E-09	1.24E-08	9.77E-09	9.80E-09	9.77E-09	9.77E-09	7.24E-09	4.39E-09	6.33E-08	7.08E-09	9.70E-09	7.58E-09	7.60E-09	7.58E-09	5.05E-09	2.21E-09	4.68E-08
1012	561394.8	4192567	9.88E-09	1.24E-08	9.75E-09	9.77E-09	9.75E-09	9.75E-09	7.23E-09	4.38E-09	6.32E-08	7.06E-09	9.68E-09	7.56E-09	7.58E-09	7.56E-09	5.04E-09	2.21E-09	4.67E-08
1013	561396.9	4192558	9.86E-09	1.24E-08	9.73E-09	9.75E-09	9.73E-09	9.73E-09	7.21E-09	4.37E-09	6.30E-08	7.05E-09	9.66E-09	7.54E-09	7.56E-09	7.54E-09	5.03E-09	2.20E-09	4.66E-08
1014	561399	4192548	9.84E-09	1.24E-08	9.71E-09	9.73E-09	9.71E-09	9.71E-09	7.20E-09	4.36E-09	6.29E-08	7.03E-09	9.64E-09	7.53E-09	7.55E-09	7.53E-09	5.02E-09	2.20E-09	4.65E-08
1015	561401.2	4192538	9.82E-09	1.24E-08	9.70E-09	9.72E-09	9.70E-09	9.70E-09	7.19E-09	4.36E-09	6.28E-08	7.03E-09	9.63E-09	7.52E-09	7.54E-09	7.52E-09	5.01E-09	2.19E-09	4.64E-08
1016	561403.3	4192529	9.82E-09	1.23E-08	9.69E-09	9.71E-09	9.69E-09	9.69E-09	7.18E-09	4.36E-09	6.28E-08	7.02E-09	9.62E-09	7.51E-09	7.53E-09	7.51E-09	5.01E-09	2.19E-09	4.64E-08
1017	561405.4	4192519	9.81E-09	1.23E-08	9.68E-09	9.71E-09	9.68E-09	9.68E-09	7.18E-09	4.35E-09	6.27E-08	7.01E-09	9.61E-09	7.51E-09	7.53E-09	7.51E-09	5.00E-09	2.19E-09	4.64E-08
1018	561407.6	4192510	9.81E-09	1.23E-08	9.68E-09	9.71E-09	9.68E-09	9.68E-09	7.18E-09	4.35E-09	6.27E-08	7.02E-09	9.61E-09	7.51E-09	7.53E-09	7.51E-09	5.01E-09	2.19E-09	4.64E-08
1019	561409.7	4192500	9.81E-09	1.23E-08	9.68E-09	9.71E-09	9.68E-09	9.68E-09	7.18E-09	4.35E-09	6.28E-08	7.02E-09	9.62E-09	7.51E-09	7.53E-09	7.51E-09	5.01E-09	2.19E-09	4.64E-08
1020	561411.8	4192490	9.81E-09	1.23E-08	9.69E-09	9.71E-09	9.69E-09	9.69E-09	7.18E-09	4.35E-09	6.28E-08	7.02E-09	9.62E-09	7.51E-09	7.53E-09	7.51E-09	5.01E-09	2.19E-09	4.64E-08
1021	561414	4192481	9.80E-09	1.23E-08	9.67E-09	9.70E-09	9.67E-09	9.67E-09	7.17E-09	4.35E-09	6.27E-08	7.01E-09	9.60E-09	7.50E-09	7.52E-09	7.50E-09	5.00E-09	2.19E-09	4.63E-08
1022	561416.1	4192471	9.78E-09	1.23E-08	9.65E-09	9.67E-09	9.65E-09	9.65E-09	7.15E-09	4.34E-09	6.25E-08	6.99E-09	9.58E-09	7.48E-09	7.50E-09	7.48E-09	4.99E-09	2.18E-09	4.62E-08
1023	561418.2	4192462	9.74E-09	1.22E-08	9.61E-09	9.64E-09	9.61E-09	9.61E-09	7.13E-09	4.32E-09	6.23E-08	6.97E-09	9.54E-09	7.45E-09	7.47E-09	7.45E-09	4.97E-09	2.18E-09	4.60E-08
1024	561386	4192635	9.65E-09	1.21E-08	9.52E-09	9.55E-09	9.52E-09	9.52E-09	7.06E-09	4.28E-09	6.17E-08	6.90E-09	9.46E-09	7.39E-09	7.41E-09	7.39E-09	4.92E-09	2.16E-09	4.56E-08
1025	561368.8	4192659	1.03E-08	1.29E-08	1.01E-08	1.01E-08	1.01E-08	1.01E-08	7.51E-09	4.55E-09	6.56E-08	7.33E-09	1.00E-08	7.85E-09	7.87E-09	7.85E-09	5.23E-09	2.29E-09	4.85E-08
1026	561363.1	4192667	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	1.03E-08	7.64E-09	4.63E-09	6.68E-08	7.47E-09	1.02E-08	7.99E-09	8.01E-09	7.99E-09	5.33E-09	2.33E-09	4.94E-08
1027	561357.4	4192675	1.06E-08	1.34E-08	1.05E-08	1.05E-08	1.05E-08	1.05E-08	7.77E-09	4.71E-09	6.79E-08	7.59E-09	1.04E-08	8.13E-09	8.15E-09	8.13E-09	5.42E-09	2.37E-09	5.02E-08
1028	561351.6	4192683	1.08E-08	1.36E-08	1.06E-08	1.07E-08	1.06E-08	1.06E-08	7.90E-09	4.79E-09	6.90E-08	7.71E-09	1.06E-08	8.26E-09	8.28E-09	8.26E-09	5.50E-09	2.41E-09	5.10E-08
1029	561345.9	4192691	1.09E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	1.08E-08	8.01E-09	4.86E-09	7.00E-08	7.83E-09	1.07E-08	8.38E-09	8.40E-09	8.38E-09	5.58E-09	2.45E-09	5.17E-08
1030	561340.2	4192699	1.11E-08	1.39E-08	1.09E-08	1.10E-08	1.09E-08	1.09E-08	8.12E-09	4.92E-09	7.09E-08	7.93E-09	1.09E-08	8.49E-09	8.51E-09	8.49E-09	5.66E-09	2.48E-09	5.24E-08
1031	561334.5	4192707	1.12E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	8.22E-09	4.98E-09	7.18E-08	8.03E-09	1.10E-08	8.59E-09	8.61E-09	8.59E-09	5.73E-09	2.51E-09	5.31E-08
1032	561328.7	4192715	1.14E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	1.12E-08	8.31E-09	5.04E-09	7.26E-08	8.12E-09	1.11E-08	8.69E-09	8.71E-09	8.69E-09	5.79E-09	2.54E-09	5.36E-08
1033	561300.1	4192755	1.19E-08	1.49E-08	1.17E-08	1.18E-08	1.18E-08	1.17E-08	8.69E-09	5.27E-09	7.60E-08	8.50E-09	1.16E-08	9.09E-09	9.12E-09	9.09E-09	6.06E-09	2.65E-09	5.61E-08
1034	561294.4	4192763	1.20E-08	1.50E-08	1.18E-08	1.18E-08	1.18E-08	1.18E-08	8.75E-09	5.30E-09	7.65E-08	8.55E-09	1.17E-08	9.15E-09	9.17E-09	9.15E-09	6.10E-09	2.67E-09	5.65E-08
1035	561288.6	4192771	1.20E-08	1.51E-08	1.19E-08	1.19E-08	1.19E-08	1.19E-08	8.80E-09	5.33E-09	7.69E-08	8.59E-09	1.18E-08	9.20E-09	9.22E-09	9.20E-09	6.13E-09	2.68E-09	5.68E-08
1036	561282.9	4192779	1.21E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	1.19E-08	8.84E-09	5.36E-09	7.72E-08	8.63E-09	1.18E-08	9.24E-09	9.26E-09	9.24E-09	6.16E-09	2.70E-09	5.71E-08
1037	561267.4	4192788	1.26E-08	1.59E-08	1.24E-08	1.25E-08	1.24E-08	1.24E-08	9.23E-09	5.59E-09	8.06E-08	9.02E-09	1.24E-08	9.65E-09	9.68E-09	9.65E-09	6.43E-09	2.82E-09	5.96E-08
1038	561257.7	4192790	1.31E-08	1.65E-08	1.29E-08	1.30E-08	1.29E-08	1.29E-08	9.59E-09	5.81E-09	8.38E-08	9.37E-09	1.28E-08	1.00E-08	1.01E-08	1.00E-08	6.69E-09	2.93E-09	6.19E-08
1039	561248	4192791	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	1.34E-08	9.96E-09	6.04E-09	8.70E-08	9.73E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
1040	561238.2	4192792	1.41E-08	1.77E-08	1.39E-08	1.40E-08	1.39E-08	1.39E-08	1.03E-08	6.26E-09	9.02E-08	1.01E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.20E-09	3.15E-09	6.67E-08
1041	561228.5	4192794	1.46E-08	1.84E-08	1.44E-08	1.44E-08	1.44E-08	1.44E-08	1.07E-08	6.47E-09	9.33E-08	1.04E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	7.45E-09	3.26E-09	6.90E-08
1042	561218.8	4192795	1.51E-08	1.89E-08	1.49E-08	1.49E-08	1.49E-08	1.49E-08	1.10E-08	6.68E-09	9.63E-08	1.08E-08	1.48E-08	1.15E-08	1.16E-08	1.15E-08	7.69E-09	3.36E-09	7.12E-08
1043	561209.1	4192797	1.55E-08	1.95E-08	1.53E-08	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.88E-09	9.92E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.91E-09	3.46E-09	7.33E-08
1044	561391.7	4192627	9.44E-09	1.19E-08	9.32E-09	9.34E-09	9.32E-09	9.32E-09	6.91E-09	4.19E-09	6.04E-08	6.75E-09	9.25E-09	7.22E-09	7.24E-09	7.22E-09	4.82E-09	2.11E-09	4.46E-08
1045	561393.9	4192618	9.43E-09	1.19E-08	9.31E-09	9.33E-09	9.31E-09	9.31E-09	6.90E-09	4.18E-09	6.03E-08	6.74E-09	9.24E-09	7.22E-09	7.24E				

1089	561416.4	4192562	8.80E-09	1.11E-08	8.68E-09	8.70E-09	8.68E-09	6.44E-09	3.90E-09	5.63E-08	6.29E-09	8.62E-09	6.73E-09	6.75E-09	6.73E-09	4.49E-09	1.96E-09	4.16E-08
1090	561418.6	4192552	8.77E-09	1.10E-08	8.65E-09	8.68E-09	8.65E-09	6.42E-09	3.89E-09	5.61E-08	6.27E-09	8.59E-09	6.71E-09	6.73E-09	6.71E-09	4.47E-09	1.96E-09	4.14E-08
1091	561420.7	4192543	8.75E-09	1.10E-08	8.63E-09	8.66E-09	8.63E-09	6.40E-09	3.88E-09	5.60E-08	6.26E-09	8.57E-09	6.69E-09	6.71E-09	6.69E-09	4.46E-09	1.95E-09	4.13E-08
1092	561422.8	4192533	8.74E-09	1.10E-08	8.62E-09	8.65E-09	8.62E-09	6.39E-09	3.88E-09	5.59E-08	6.25E-09	8.56E-09	6.69E-09	6.71E-09	6.69E-09	4.46E-09	1.95E-09	4.13E-08
1093	561425	4192524	8.73E-09	1.10E-08	8.61E-09	8.64E-09	8.61E-09	6.39E-09	3.87E-09	5.58E-08	6.24E-09	8.55E-09	6.68E-09	6.70E-09	6.68E-09	4.45E-09	1.95E-09	4.13E-08
1094	561427.1	4192514	8.72E-09	1.10E-08	8.61E-09	8.63E-09	8.61E-09	6.38E-09	3.87E-09	5.58E-08	6.24E-09	8.55E-09	6.67E-09	6.69E-09	6.67E-09	4.45E-09	1.95E-09	4.12E-08
1095	561429.2	4192504	8.72E-09	1.10E-08	8.60E-09	8.63E-09	8.60E-09	6.38E-09	3.87E-09	5.58E-08	6.23E-09	8.54E-09	6.67E-09	6.69E-09	6.67E-09	4.45E-09	1.95E-09	4.12E-08
1096	561431.4	4192495	8.71E-09	1.10E-08	8.60E-09	8.62E-09	8.60E-09	6.38E-09	3.87E-09	5.57E-08	6.23E-09	8.54E-09	6.67E-09	6.69E-09	6.67E-09	4.45E-09	1.95E-09	4.12E-08
1097	561433.5	4192485	8.70E-09	1.09E-08	8.59E-09	8.61E-09	8.59E-09	6.37E-09	3.86E-09	5.56E-08	6.22E-09	8.52E-09	6.66E-09	6.68E-09	6.66E-09	4.44E-09	1.94E-09	4.11E-08
1098	561435.6	4192475	8.68E-09	1.09E-08	8.56E-09	8.59E-09	8.56E-09	6.35E-09	3.85E-09	5.55E-08	6.21E-09	8.50E-09	6.64E-09	6.66E-09	6.64E-09	4.43E-09	1.94E-09	4.10E-08
1099	561437.7	4192466	8.65E-09	1.09E-08	8.54E-09	8.56E-09	8.54E-09	6.33E-09	3.84E-09	5.53E-08	6.19E-09	8.48E-09	6.62E-09	6.64E-09	6.62E-09	4.41E-09	1.93E-09	4.09E-08
1100	561405.6	4192639	8.66E-09	1.09E-08	8.54E-09	8.57E-09	8.54E-09	6.34E-09	3.84E-09	5.54E-08	6.19E-09	8.48E-09	6.63E-09	6.64E-09	6.63E-09	4.42E-09	1.93E-09	4.09E-08
1101	561388.8	4192663	9.19E-09	1.16E-08	9.07E-09	9.10E-09	9.07E-09	6.73E-09	4.08E-09	5.88E-08	6.57E-09	9.01E-09	7.03E-09	7.05E-09	7.03E-09	4.69E-09	2.05E-09	4.34E-08
1102	561383.1	4192671	9.36E-09	1.18E-08	9.24E-09	9.26E-09	9.24E-09	6.85E-09	4.15E-09	5.99E-08	6.69E-09	9.17E-09	7.16E-09	7.18E-09	7.16E-09	4.78E-09	2.09E-09	4.42E-08
1103	561377.5	4192679	9.52E-09	1.20E-08	9.39E-09	9.42E-09	9.39E-09	6.96E-09	4.22E-09	6.09E-08	6.81E-09	9.32E-09	7.28E-09	7.30E-09	7.28E-09	4.86E-09	2.13E-09	4.50E-08
1104	561371.9	4192686	9.66E-09	1.22E-08	9.54E-09	9.56E-09	9.54E-09	7.07E-09	4.29E-09	6.18E-08	6.91E-09	9.47E-09	7.40E-09	7.42E-09	7.40E-09	4.93E-09	2.16E-09	4.57E-08
1105	561369.3	4192694	9.80E-09	1.23E-08	9.68E-09	9.70E-09	9.68E-09	7.18E-09	4.35E-09	6.27E-08	7.01E-09	9.61E-09	7.50E-09	7.52E-09	7.50E-09	5.00E-09	2.19E-09	4.63E-08
1106	561360.7	4192702	9.94E-09	1.25E-08	9.81E-09	9.83E-09	9.81E-09	7.27E-09	4.41E-09	6.36E-08	7.11E-09	9.74E-09	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	4.70E-08
1107	561355	4192710	1.01E-08	1.26E-08	9.93E-09	9.95E-09	9.93E-09	7.36E-09	4.46E-09	6.43E-08	7.19E-09	9.86E-09	7.70E-09	7.72E-09	7.70E-09	5.13E-09	2.25E-09	4.75E-08
1108	561349.4	4192718	1.02E-08	1.28E-08	1.00E-08	1.01E-08	1.00E-08	7.45E-09	4.51E-09	6.51E-08	7.28E-09	9.97E-09	7.79E-09	7.81E-09	7.79E-09	5.19E-09	2.27E-09	4.81E-08
1109	561343.8	4192726	1.03E-08	1.29E-08	1.01E-08	1.02E-08	1.01E-08	7.52E-09	4.56E-09	6.58E-08	7.35E-09	1.01E-08	7.87E-09	7.89E-09	7.87E-09	5.25E-09	2.30E-09	4.86E-08
1110	561338.2	4192733	1.04E-08	1.31E-08	1.02E-08	1.03E-08	1.02E-08	7.60E-09	4.61E-09	6.64E-08	7.43E-09	1.02E-08	7.95E-09	7.97E-09	7.95E-09	5.30E-09	2.32E-09	4.91E-08
1111	561332.5	4192741	1.05E-08	1.32E-08	1.03E-08	1.04E-08	1.03E-08	7.67E-09	4.65E-09	6.71E-08	7.50E-09	1.03E-08	8.02E-09	8.04E-09	8.02E-09	5.35E-09	2.34E-09	4.95E-08
1112	561326.9	4192749	1.06E-08	1.33E-08	1.04E-08	1.05E-08	1.04E-08	7.74E-09	4.69E-09	6.77E-08	7.57E-09	1.04E-08	8.10E-09	8.12E-09	8.10E-09	5.40E-09	2.36E-09	5.00E-08
1113	561321.3	4192757	1.07E-08	1.34E-08	1.05E-08	1.06E-08	1.05E-08	7.81E-09	4.74E-09	6.83E-08	7.63E-09	1.05E-08	8.17E-09	8.19E-09	8.17E-09	5.45E-09	2.38E-09	5.04E-08
1114	561315.7	4192765	1.07E-08	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.86E-09	4.77E-09	6.87E-08	7.68E-09	1.05E-08	8.22E-09	8.24E-09	8.22E-09	5.48E-09	2.40E-09	5.08E-08
1115	561278	4192805	1.15E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.08E-09	7.33E-08	8.19E-09	1.12E-08	8.77E-09	8.79E-09	8.77E-09	5.85E-09	2.56E-09	5.42E-08
1116	561268.4	4192807	1.19E-08	1.50E-08	1.17E-08	1.18E-08	1.17E-08	8.70E-09	5.27E-09	7.60E-08	8.50E-09	1.16E-08	9.10E-09	9.12E-09	9.10E-09	6.07E-09	2.66E-09	5.62E-08
1117	561258.9	4192808	1.23E-08	1.55E-08	1.22E-08	1.22E-08	1.22E-08	9.02E-09	5.47E-09	7.88E-08	8.81E-09	1.21E-08	9.43E-09	9.46E-09	9.43E-09	6.29E-09	2.75E-09	5.82E-08
1118	561249.3	4192809	1.28E-08	1.60E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.66E-09	8.16E-08	9.12E-09	1.25E-08	9.76E-09	9.79E-09	9.76E-09	6.51E-09	2.85E-09	6.03E-08
1119	561239.8	4192811	1.32E-08	1.66E-08	1.30E-08	1.30E-08	1.30E-08	9.65E-09	5.85E-09	8.43E-08	9.42E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.72E-09	2.94E-09	6.23E-08
1120	561411.3	4192632	8.48E-09	1.07E-08	8.37E-09	8.39E-09	8.37E-09	6.21E-09	3.76E-09	5.42E-08	6.06E-09	8.31E-09	6.49E-09	6.51E-09	6.49E-09	4.33E-09	1.89E-09	4.01E-08
1121	561413.4	4192622	8.47E-09	1.07E-08	8.36E-09	8.38E-09	8.36E-09	6.20E-09	3.76E-09	5.42E-08	6.06E-09	8.30E-09	6.48E-09	6.50E-09	6.48E-09	4.32E-09	1.89E-09	4.00E-08
1122	561415.5	4192612	8.46E-09	1.06E-08	8.35E-09	8.37E-09	8.35E-09	6.19E-09	3.75E-09	5.41E-08	6.05E-09	8.29E-09	6.47E-09	6.49E-09	6.47E-09	4.32E-09	1.89E-09	4.00E-08
1123	561417.7	4192603	8.44E-09	1.06E-08	8.33E-09	8.35E-09	8.33E-09	6.18E-09	3.74E-09	5.40E-08	6.04E-09	8.27E-09	6.46E-09	6.48E-09	6.46E-09	4.31E-09	1.89E-09	3.99E-08
1124	561419.8	4192593	8.41E-09	1.06E-08	8.30E-09	8.33E-09	8.30E-09	6.16E-09	3.73E-09	5.38E-08	6.02E-09	8.24E-09	6.44E-09	6.46E-09	6.44E-09	4.29E-09	1.88E-09	3.98E-08
1125	561421.9	4192583	8.39E-09	1.05E-08	8.28E-09	8.30E-09	8.28E-09	6.14E-09	3.72E-09	5.36E-08	6.00E-09	8.22E-09	6.42E-09	6.44E-09	6.42E-09	4.28E-09	1.87E-09	3.96E-08
1126	561424.1	4192574	8.36E-09	1.05E-08	8.25E-09	8.27E-09	8.25E-09	6.12E-09	3.71E-09	5.35E-08	5.98E-09	8.19E-09	6.40E-09	6.41E-09	6.40E-09	4.27E-09	1.87E-09	3.95E-08
1127	561426.2	4192564	8.33E-09	1.05E-08	8.22E-09	8.24E-09	8.22E-09	6.10E-09	3.70E-09	5.33E-08	5.96E-09	8.16E-09	6.37E-09	6.39E-09	6.37E-09	4.25E-09	1.86E-09	3.94E-08
1128	561428.3	4192555	8.30E-09	1.04E-08	8.20E-09	8.22E-09	8.20E-09	6.08E-09	3.68E-09	5.31E-08	5.94E-09	8.14E-09	6.36E-09	6.37E-09	6.36E-09	4.24E-09	1.86E-09	3.93E-08
1129	561430.5	4192545	8.28E-09	1.04E-08	8.18E-09	8.20E-09	8.18E-09	6.06E-09	3.68E-09	5.30E-08	5.92E-09	8.12E-09	6.34E-09	6.36E-09	6.34E-09	4.23E-09	1.85E-09	3.92E-08
1130	561432.6	4192535	8.27E-09	1.04E-08	8.16E-09	8.19E-09	8.16E-09	6.05E-09	3.67E-09	5.29E-08	5.91E-09	8.10E-09	6.33E-09	6.35E-09	6.33E-09	4.22E-09	1.85E-09	3.91E-08
1131	561434.7	4192526	8.26E-09	1.04E-08	8.15E-09	8.17E-09	8.15E-09	6.04E-09	3.66E-09	5.28E-08	5.91E-09	8.09E-09	6.32E-09	6.34E-09	6.32E-09	4.21E-09	1.85E-09	3.90E-08
1132	561436.9	4192516	8.25E-09	1.04E-08	8.14E-09	8.16E-09	8.14E-09	6.04E-09	3.66E-09	5.28E-08	5.90E-09	8.08E-09	6.31E-09	6.33E-09	6.31E-09	4.21E-09	1.84E-09	3.90E-08
1133	561439	4192506	8.24E-09	1.04E-08	8.13E-09	8.16E-09	8.13E-09	6.03E-09	3.66E-09	5.27E-08	5.89E-09	8.07E-09	6.31E-09	6.32E-09	6.31E-09	4.20E-09	1.84E-09	3.90E-08
1134	561441.1	4192497	8.23E-09	1.03E-08	8.12E-09	8.14E-09	8.12E-09	6.02E-09	3.65E-09	5.26E-08	5.89E-09	8.06E-09	6.30E-09	6.32E-09	6.30E-09	4.20E-09	1.84E-09	3.89E-08
1135	561443.2	4192487	8.21E-09	1.03E-08	8.11E-09	8.13E-09	8.11E-09	6.01E-09	3.64E-09	5.25E-08	5.87E-09	8.05E-09	6.29E-09	6.30E-09	6.29E-09	4.19E-09	1.84E-09	3.88E-08
1136	561445.4	4192478	8.20E-09	1.03E-08	8.09E-09	8.11E-09	8.09E-09	6.00E-09	3.64E-09	5.24E-08	5.86E-09	8.03E-09	6.27E-09	6.29E-09	6.27E-09	4.18E-09	1.83E-09	3.87E-08
1137	561447.5	4192468	8.17E-09	1.03E-08	8.07E-09	8.09E-09	8.07E-09	5.98E-09	3.63E-09	5.23E-08	5.85E-09	8.01E-09	6.26E-09	6.27E-09	6.26E-09	4.17E-09	1.83E-09	3.86E-08
1138	561415.5	4192641	8.22E-09	1.03E-08	8.11E-09	8.14E-09	8.11E-09	6.02E-09	3.65E-09	5.26E-08	5.88E-09	8.06E-09	6.29E-09	6.31E-09	6.29E-09	4.20E-09	1.84E-09	3.89E-08
1139	561398.7	4192665	8.72E-09	1.10E-08	8.													

1180	561397.6	4192682	8.57E-09	1.08E-08	8.46E-09	8.48E-09	8.46E-09	6.27E-09	3.80E-09	5.48E-08	6.13E-09	8.40E-09	6.56E-09	6.58E-09	6.56E-09	4.37E-09	1.91E-09	4.05E-08
1181	561392	4192690	8.70E-09	1.09E-08	8.59E-09	8.61E-09	8.59E-09	6.37E-09	3.86E-09	5.57E-08	6.22E-09	8.53E-09	6.66E-09	6.68E-09	6.66E-09	4.44E-09	1.94E-09	4.11E-08
1182	561386.5	4192698	8.83E-09	1.11E-08	8.72E-09	8.74E-09	8.72E-09	6.47E-09	3.92E-09	5.65E-08	6.32E-09	8.66E-09	6.76E-09	6.78E-09	6.76E-09	4.51E-09	1.97E-09	4.18E-08
1183	561381	4192705	8.95E-09	1.13E-08	8.84E-09	8.86E-09	8.84E-09	6.55E-09	3.97E-09	5.73E-08	6.40E-09	8.77E-09	6.85E-09	6.87E-09	6.85E-09	4.57E-09	2.00E-09	4.23E-08
1184	561375.4	4192713	9.07E-09	1.14E-08	8.95E-09	8.97E-09	8.95E-09	6.63E-09	4.02E-09	5.80E-08	6.48E-09	8.88E-09	6.94E-09	6.96E-09	6.94E-09	4.63E-09	2.03E-09	4.28E-08
1185	561369.9	4192721	9.17E-09	1.15E-08	9.05E-09	9.07E-09	9.05E-09	6.71E-09	4.07E-09	5.87E-08	6.56E-09	8.98E-09	7.02E-09	7.04E-09	7.02E-09	4.68E-09	2.05E-09	4.33E-08
1186	561364.3	4192729	9.27E-09	1.17E-08	9.15E-09	9.17E-09	9.15E-09	6.78E-09	4.11E-09	5.93E-08	6.63E-09	9.08E-09	7.09E-09	7.11E-09	7.09E-09	4.73E-09	2.07E-09	4.38E-08
1187	561358.8	4192736	9.36E-09	1.18E-08	9.24E-09	9.26E-09	9.24E-09	6.85E-09	4.15E-09	5.99E-08	6.69E-09	9.17E-09	7.16E-09	7.18E-09	7.16E-09	4.77E-09	2.09E-09	4.42E-08
1188	561353.3	4192744	9.44E-09	1.19E-08	9.32E-09	9.35E-09	9.32E-09	6.91E-09	4.19E-09	6.04E-08	6.75E-09	9.25E-09	7.23E-09	7.25E-09	7.23E-09	4.82E-09	2.11E-09	4.46E-08
1189	561347.7	4192752	9.53E-09	1.20E-08	9.40E-09	9.43E-09	9.40E-09	6.97E-09	4.23E-09	6.09E-08	6.81E-09	9.34E-09	7.29E-09	7.31E-09	7.29E-09	4.86E-09	2.13E-09	4.50E-08
1190	561342.2	4192759	9.61E-09	1.21E-08	9.48E-09	9.51E-09	9.48E-09	7.03E-09	4.26E-09	6.15E-08	6.87E-09	9.42E-09	7.35E-09	7.38E-09	7.35E-09	4.90E-09	2.15E-09	4.54E-08
1191	561336.7	4192767	9.68E-09	1.22E-08	9.56E-09	9.58E-09	9.56E-09	7.09E-09	4.30E-09	6.19E-08	6.92E-09	9.49E-09	7.41E-09	7.43E-09	7.41E-09	4.94E-09	2.16E-09	4.58E-08
1192	561331.1	4192775	9.75E-09	1.23E-08	9.62E-09	9.65E-09	9.62E-09	7.14E-09	4.33E-09	6.24E-08	6.97E-09	9.55E-09	7.46E-09	7.48E-09	7.46E-09	4.97E-09	2.18E-09	4.61E-08
1193	561325.6	4192783	9.81E-09	1.23E-08	9.68E-09	9.71E-09	9.68E-09	7.18E-09	4.35E-09	6.27E-08	7.01E-09	9.61E-09	7.51E-09	7.53E-09	7.51E-09	5.01E-09	2.19E-09	4.64E-08
1194	561320	4192790	9.87E-09	1.24E-08	9.74E-09	9.77E-09	9.74E-09	7.22E-09	4.38E-09	6.31E-08	7.06E-09	9.67E-09	7.55E-09	7.57E-09	7.55E-09	5.04E-09	2.21E-09	4.67E-08
1195	561314.5	4192798	9.93E-09	1.25E-08	9.80E-09	9.83E-09	9.80E-09	7.27E-09	4.41E-09	6.35E-08	7.10E-09	9.73E-09	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	4.70E-08
1196	561309	4192806	9.99E-09	1.26E-08	9.86E-09	9.89E-09	9.86E-09	7.31E-09	4.43E-09	6.39E-08	7.15E-09	9.79E-09	7.65E-09	7.67E-09	7.65E-09	5.10E-09	2.23E-09	4.72E-08
1197	561303.4	4192813	1.00E-08	1.26E-08	9.91E-09	9.94E-09	9.91E-09	7.35E-09	4.46E-09	6.43E-08	7.18E-09	9.84E-09	7.69E-09	7.71E-09	7.69E-09	5.13E-09	2.24E-09	4.75E-08
1198	561430.8	4192636	7.68E-09	9.65E-09	7.57E-09	7.60E-09	7.57E-09	5.62E-09	3.41E-09	4.91E-08	5.49E-09	7.52E-09	5.87E-09	5.89E-09	5.87E-09	3.92E-09	1.71E-09	3.63E-08
1199	561432.9	4192626	7.66E-09	9.63E-09	7.56E-09	7.58E-09	7.56E-09	5.61E-09	3.40E-09	4.90E-08	5.48E-09	7.50E-09	5.86E-09	5.88E-09	5.86E-09	3.91E-09	1.71E-09	3.62E-08
1200	561435.1	4192617	7.64E-09	9.61E-09	7.54E-09	7.56E-09	7.54E-09	5.59E-09	3.39E-09	4.89E-08	5.46E-09	7.48E-09	5.85E-09	5.86E-09	5.85E-09	3.90E-09	1.71E-09	3.61E-08
1201	561437.2	4192607	7.61E-09	9.57E-09	7.51E-09	7.53E-09	7.51E-09	5.57E-09	3.38E-09	4.87E-08	5.44E-09	7.46E-09	5.83E-09	5.84E-09	5.83E-09	3.88E-09	1.70E-09	3.60E-08
1202	561439.3	4192597	7.58E-09	9.54E-09	7.49E-09	7.51E-09	7.49E-09	5.55E-09	3.37E-09	4.85E-08	5.42E-09	7.43E-09	5.80E-09	5.82E-09	5.80E-09	3.87E-09	1.69E-09	3.58E-08
1203	561441.5	4192588	7.56E-09	9.50E-09	7.46E-09	7.48E-09	7.46E-09	5.53E-09	3.35E-09	4.83E-08	5.40E-09	7.40E-09	5.78E-09	5.80E-09	5.78E-09	3.86E-09	1.69E-09	3.57E-08
1204	561443.6	4192578	7.53E-09	9.47E-09	7.43E-09	7.45E-09	7.43E-09	5.51E-09	3.34E-09	4.82E-08	5.38E-09	7.38E-09	5.76E-09	5.78E-09	5.76E-09	3.84E-09	1.68E-09	3.56E-08
1205	561445.7	4192569	7.50E-09	9.44E-09	7.41E-09	7.43E-09	7.41E-09	5.49E-09	3.33E-09	4.80E-08	5.37E-09	7.35E-09	5.74E-09	5.76E-09	5.74E-09	3.83E-09	1.68E-09	3.55E-08
1206	561447.9	4192559	7.48E-09	9.41E-09	7.38E-09	7.40E-09	7.38E-09	5.48E-09	3.32E-09	4.79E-08	5.35E-09	7.33E-09	5.73E-09	5.74E-09	5.73E-09	3.82E-09	1.67E-09	3.54E-08
1207	561450	4192549	7.46E-09	9.38E-09	7.36E-09	7.38E-09	7.36E-09	5.46E-09	3.31E-09	4.77E-08	5.34E-09	7.31E-09	5.71E-09	5.73E-09	5.71E-09	3.81E-09	1.67E-09	3.53E-08
1208	561452.1	4192540	7.44E-09	9.36E-09	7.35E-09	7.37E-09	7.35E-09	5.45E-09	3.30E-09	4.76E-08	5.32E-09	7.29E-09	5.70E-09	5.71E-09	5.70E-09	3.80E-09	1.66E-09	3.52E-08
1209	561454.2	4192530	7.43E-09	9.34E-09	7.33E-09	7.35E-09	7.33E-09	5.44E-09	3.30E-09	4.75E-08	5.31E-09	7.28E-09	5.69E-09	5.70E-09	5.69E-09	3.79E-09	1.66E-09	3.51E-08
1210	561456.4	4192520	7.42E-09	9.33E-09	7.32E-09	7.34E-09	7.32E-09	5.43E-09	3.29E-09	4.74E-08	5.30E-09	7.27E-09	5.67E-09	5.69E-09	5.67E-09	3.78E-09	1.66E-09	3.50E-08
1211	561458.5	4192511	7.40E-09	9.31E-09	7.31E-09	7.33E-09	7.31E-09	5.42E-09	3.28E-09	4.73E-08	5.29E-09	7.25E-09	5.66E-09	5.68E-09	5.66E-09	3.78E-09	1.65E-09	3.50E-08
1212	561460.6	4192501	7.39E-09	9.29E-09	7.29E-09	7.31E-09	7.29E-09	5.41E-09	3.28E-09	4.73E-08	5.28E-09	7.24E-09	5.65E-09	5.67E-09	5.65E-09	3.77E-09	1.65E-09	3.49E-08
1213	561462.8	4192492	7.38E-09	9.28E-09	7.28E-09	7.30E-09	7.28E-09	5.40E-09	3.27E-09	4.72E-08	5.27E-09	7.23E-09	5.64E-09	5.66E-09	5.64E-09	3.76E-09	1.65E-09	3.49E-08
1214	561464.9	4192482	7.36E-09	9.26E-09	7.26E-09	7.28E-09	7.26E-09	5.39E-09	3.27E-09	4.71E-08	5.26E-09	7.21E-09	5.63E-09	5.65E-09	5.63E-09	3.76E-09	1.64E-09	3.48E-08
1215	561467	4192472	7.34E-09	9.23E-09	7.25E-09	7.27E-09	7.25E-09	5.37E-09	3.26E-09	4.70E-08	5.25E-09	7.19E-09	5.62E-09	5.63E-09	5.62E-09	3.75E-09	1.64E-09	3.47E-08
1216	561417.6	4192670	7.90E-09	9.94E-09	7.80E-09	7.82E-09	7.80E-09	5.78E-09	3.51E-09	5.05E-08	5.65E-09	7.74E-09	6.05E-09	6.06E-09	6.05E-09	4.03E-09	1.77E-09	3.74E-08
1217	561411.9	4192678	8.04E-09	1.01E-08	7.94E-09	7.96E-09	7.94E-09	5.89E-09	3.57E-09	5.14E-08	5.75E-09	7.88E-09	6.15E-09	6.17E-09	6.15E-09	4.10E-09	1.80E-09	3.80E-08
1218	561406.2	4192686	8.18E-09	1.03E-08	8.07E-09	8.09E-09	8.07E-09	5.99E-09	3.63E-09	5.23E-08	5.85E-09	8.01E-09	6.26E-09	6.28E-09	6.26E-09	4.17E-09	1.83E-09	3.87E-08
1219	561400.5	4192694	8.31E-09	1.05E-08	8.20E-09	8.22E-09	8.20E-09	6.08E-09	3.69E-09	5.32E-08	5.94E-09	8.14E-09	6.36E-09	6.38E-09	6.36E-09	4.24E-09	1.86E-09	3.93E-08
1220	561394.7	4192702	8.44E-09	1.06E-08	8.33E-09	8.35E-09	8.33E-09	6.17E-09	3.74E-09	5.40E-08	6.03E-09	8.27E-09	6.46E-09	6.47E-09	6.46E-09	4.30E-09	1.88E-09	3.99E-08
1221	561389	4192710	8.55E-09	1.08E-08	8.44E-09	8.47E-09	8.44E-09	6.26E-09	3.80E-09	5.47E-08	6.12E-09	8.38E-09	6.55E-09	6.56E-09	6.55E-09	4.36E-09	1.91E-09	4.04E-08
1222	561383.3	4192718	8.67E-09	1.09E-08	8.55E-09	8.58E-09	8.55E-09	6.34E-09	3.84E-09	5.54E-08	6.20E-09	8.49E-09	6.63E-09	6.65E-09	6.63E-09	4.42E-09	1.94E-09	4.10E-08
1223	561377.5	4192726	8.77E-09	1.10E-08	8.65E-09	8.68E-09	8.65E-09	6.42E-09	3.89E-09	5.61E-08	6.27E-09	8.59E-09	6.71E-09	6.73E-09	6.71E-09	4.47E-09	1.96E-09	4.14E-08
1224	561371.8	4192734	8.86E-09	1.11E-08	8.74E-09	8.77E-09	8.74E-09	6.48E-09	3.93E-09	5.67E-08	6.34E-09	8.68E-09	6.78E-09	6.80E-09	6.78E-09	4.52E-09	1.98E-09	4.19E-08
1225	561366.1	4192742	8.95E-09	1.13E-08	8.83E-09	8.85E-09	8.83E-09	6.55E-09	3.97E-09	5.72E-08	6.40E-09	8.77E-09	6.85E-09	6.87E-09	6.85E-09	4.57E-09	2.00E-09	4.23E-08
1226	561360.4	4192750	9.03E-09	1.14E-08	8.91E-09	8.94E-09	8.91E-09	6.61E-09	4.01E-09	5.78E-08	6.46E-09	8.85E-09	6.91E-09	6.93E-09	6.91E-09	4.61E-09	2.02E-09	4.27E-08
1227	561354.6	4192758	9.11E-09	1.15E-08	8.99E-09	9.01E-09	8.99E-09	6.67E-09	4.04E-09	5.83E-08	6.51E-09	8.92E-09	6.97E-09	6.99E-09	6.97E-09	4.65E-09	2.03E-09	4.30E-08
1228	561348.9	4192766	9.18E-09	1.16E-08	9.06E-09	9.09E-09	9.06E-09	6.72E-09	4.08E-09	5.88E-08	6.57E-09	9.00E-09	7.03E-09	7.05E-09	7.03E-09	4.69E-09	2.05E-09	4.34E-08
1229	561343.2	4192774	9.26E-09	1.16E-08	9.13E-09	9.16E-09	9.13E-09	6.77E-09	4.11E-09	5.92E-08	6.62E-09	9.07E-09	7.08E-09	7.10E-09	7.08E-09	4.72E-09	2.07E-09	4.37E-08
1230	561337.4	4192782	9.32E-09	1.17E-08	9.20E-09													

1271	561248.3	4192279	4.04E-08	5.08E-08	3.98E-08	4.00E-08	3.98E-08	2.96E-08	1.79E-08	2.58E-07	2.89E-08	3.96E-08	3.09E-08	3.10E-08	3.09E-08	2.06E-08	9.02E-09	1.91E-07
1272	561233.8	4192373	5.67E-08	7.13E-08	5.60E-08	5.61E-08	5.60E-08	4.15E-08	2.52E-08	3.63E-07	4.05E-08	5.56E-08	4.34E-08	4.35E-08	4.34E-08	2.89E-08	1.27E-08	2.68E-07
1273	561236.2	4192364	5.50E-08	6.91E-08	5.42E-08	5.44E-08	5.42E-08	4.02E-08	2.44E-08	3.52E-07	3.93E-08	5.39E-08	4.21E-08	4.22E-08	4.21E-08	2.80E-08	1.23E-08	2.60E-07
1274	561238.6	4192355	5.32E-08	6.68E-08	5.25E-08	5.26E-08	5.25E-08	3.89E-08	2.36E-08	3.40E-07	3.80E-08	5.21E-08	4.07E-08	4.08E-08	4.07E-08	2.71E-08	1.19E-08	2.51E-07
1275	561241.1	4192346	5.12E-08	6.44E-08	5.05E-08	5.07E-08	5.05E-08	3.75E-08	2.27E-08	3.28E-07	3.66E-08	5.02E-08	3.92E-08	3.93E-08	3.92E-08	2.61E-08	1.14E-08	2.42E-07
1276	561243.5	4192336	4.91E-08	6.17E-08	4.84E-08	4.86E-08	4.84E-08	3.59E-08	2.18E-08	3.14E-07	3.51E-08	4.81E-08	3.76E-08	3.77E-08	3.76E-08	2.50E-08	1.10E-08	2.32E-07
1277	561245.9	4192327	4.68E-08	5.89E-08	4.62E-08	4.63E-08	4.62E-08	3.43E-08	2.08E-08	2.99E-07	3.35E-08	4.59E-08	3.58E-08	3.59E-08	3.58E-08	2.39E-08	1.05E-08	2.21E-07
1278	561248.3	4192318	4.44E-08	5.59E-08	4.39E-08	4.40E-08	4.39E-08	3.25E-08	1.97E-08	2.84E-07	3.18E-08	4.35E-08	3.40E-08	3.41E-08	3.40E-08	2.27E-08	9.93E-09	2.10E-07
1279	561250.7	4192309	4.20E-08	5.28E-08	4.14E-08	4.15E-08	4.14E-08	3.07E-08	1.86E-08	2.69E-07	3.00E-08	4.11E-08	3.21E-08	3.22E-08	3.21E-08	2.14E-08	9.38E-09	1.98E-07
1280	561253.2	4192300	3.95E-08	4.97E-08	3.90E-08	3.91E-08	3.90E-08	2.89E-08	1.75E-08	2.53E-07	2.83E-08	3.87E-08	3.03E-08	3.03E-08	3.03E-08	1.83E-08	8.83E-09	1.87E-07
1281	561255.6	4192291	3.71E-08	4.67E-08	3.67E-08	3.68E-08	3.67E-08	2.72E-08	1.65E-08	2.38E-07	2.66E-08	4.73E-08	2.84E-08	2.85E-08	2.84E-08	1.90E-08	8.30E-09	1.76E-07
1282	561258	4192282	3.49E-08	4.38E-08	3.44E-08	3.45E-08	3.44E-08	2.55E-08	1.55E-08	2.23E-07	2.49E-08	3.42E-08	2.67E-08	2.68E-08	2.67E-08	1.78E-08	7.79E-09	1.65E-07
1283	561243.5	4192375	4.83E-08	6.07E-08	4.76E-08	4.78E-08	4.76E-08	3.53E-08	2.14E-08	3.09E-07	3.45E-08	4.73E-08	3.69E-08	3.70E-08	3.69E-08	2.46E-08	1.08E-08	2.28E-07
1284	561245.9	4192366	4.67E-08	5.87E-08	4.61E-08	4.62E-08	4.61E-08	3.42E-08	2.07E-08	2.99E-07	3.34E-08	4.57E-08	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	2.21E-07
1285	561248.3	4192357	4.51E-08	5.67E-08	4.45E-08	4.46E-08	4.45E-08	3.30E-08	2.00E-08	2.88E-07	3.22E-08	4.42E-08	3.45E-08	3.46E-08	3.45E-08	2.30E-08	1.01E-08	2.13E-07
1286	561250.7	4192348	4.34E-08	5.46E-08	4.28E-08	4.29E-08	4.28E-08	3.18E-08	1.92E-08	2.78E-07	3.10E-08	4.25E-08	3.32E-08	3.33E-08	3.32E-08	2.21E-08	9.69E-09	2.05E-07
1287	561253.1	4192339	4.16E-08	5.24E-08	4.11E-08	4.12E-08	4.11E-08	3.05E-08	1.85E-08	2.66E-07	2.98E-08	4.08E-08	3.19E-08	3.20E-08	3.19E-08	2.12E-08	9.30E-09	1.97E-07
1288	561255.6	4192330	3.98E-08	5.01E-08	3.93E-08	3.94E-08	3.93E-08	2.92E-08	1.77E-08	2.55E-07	2.85E-08	3.90E-08	3.05E-08	3.06E-08	3.05E-08	2.03E-08	8.90E-09	1.88E-07
1289	561258	4192321	3.80E-08	4.77E-08	3.75E-08	3.76E-08	3.75E-08	2.78E-08	1.68E-08	2.43E-07	2.71E-08	3.72E-08	2.91E-08	2.91E-08	2.91E-08	1.94E-08	8.48E-09	1.79E-07
1290	561260.4	4192312	3.61E-08	4.54E-08	3.56E-08	3.57E-08	3.56E-08	2.64E-08	1.60E-08	2.31E-07	2.58E-08	3.54E-08	2.76E-08	2.77E-08	2.76E-08	1.84E-08	8.06E-09	1.71E-07
1291	561262.8	4192303	3.42E-08	4.30E-08	3.38E-08	3.38E-08	3.38E-08	2.50E-08	1.52E-08	2.19E-07	2.45E-08	3.35E-08	2.62E-08	2.62E-08	2.62E-08	1.75E-08	7.64E-09	1.62E-07
1292	561265.3	4192294	3.24E-08	4.07E-08	3.19E-08	3.20E-08	3.19E-08	2.37E-08	1.44E-08	2.07E-07	2.32E-08	3.17E-08	2.48E-08	2.48E-08	2.48E-08	1.65E-08	7.23E-09	1.53E-07
1293	561267.7	4192284	3.06E-08	3.85E-08	3.02E-08	3.03E-08	3.02E-08	2.24E-08	1.36E-08	1.96E-07	2.19E-08	3.00E-08	2.34E-08	2.35E-08	2.34E-08	1.56E-08	6.84E-09	1.45E-07
1294	561253.1	4192378	4.18E-08	5.25E-08	4.12E-08	4.13E-08	4.12E-08	3.06E-08	1.85E-08	2.67E-07	2.99E-08	4.09E-08	3.20E-08	3.20E-08	3.20E-08	2.13E-08	9.33E-09	1.97E-07
1295	561255.6	4192369	4.03E-08	5.07E-08	3.98E-08	3.99E-08	3.98E-08	2.95E-08	1.79E-08	2.58E-07	2.88E-08	3.95E-08	3.09E-08	3.09E-08	3.09E-08	2.06E-08	9.01E-09	1.91E-07
1296	561258	4192360	3.89E-08	4.89E-08	3.84E-08	3.85E-08	3.84E-08	2.85E-08	1.73E-08	2.49E-07	2.78E-08	3.81E-08	2.98E-08	2.99E-08	2.98E-08	1.98E-08	8.69E-09	1.84E-07
1297	561260.4	4192351	3.75E-08	4.71E-08	3.70E-08	3.71E-08	3.70E-08	2.74E-08	1.66E-08	2.40E-07	2.68E-08	3.67E-08	2.87E-08	2.88E-08	2.87E-08	1.91E-08	8.37E-09	1.77E-07
1298	561262.8	4192342	3.60E-08	4.53E-08	3.55E-08	3.56E-08	3.55E-08	2.64E-08	1.60E-08	2.30E-07	2.58E-08	3.53E-08	2.76E-08	2.76E-08	2.76E-08	1.84E-08	8.05E-09	1.70E-07
1299	561265.2	4192332	3.46E-08	4.35E-08	3.41E-08	3.42E-08	3.41E-08	2.53E-08	1.53E-08	2.21E-07	2.47E-08	3.39E-08	2.64E-08	2.65E-08	2.64E-08	1.76E-08	7.72E-09	1.63E-07
1300	561267.7	4192323	3.31E-08	4.16E-08	3.26E-08	3.27E-08	3.26E-08	2.42E-08	1.47E-08	2.12E-07	2.37E-08	3.24E-08	2.53E-08	2.54E-08	2.53E-08	1.69E-08	7.39E-09	1.56E-07
1301	561270.1	4192314	3.16E-08	3.97E-08	3.12E-08	3.13E-08	3.12E-08	2.31E-08	1.40E-08	2.02E-07	2.26E-08	3.10E-08	2.42E-08	2.42E-08	2.42E-08	1.61E-08	7.06E-09	1.49E-07
1302	561272.5	4192305	3.01E-08	3.79E-08	2.97E-08	2.98E-08	2.97E-08	2.20E-08	1.34E-08	1.93E-07	2.15E-08	2.95E-08	2.30E-08	2.31E-08	2.30E-08	1.54E-08	6.73E-09	1.42E-07
1303	561274.9	4192296	2.87E-08	3.61E-08	2.83E-08	2.84E-08	2.83E-08	2.10E-08	1.27E-08	1.83E-07	2.05E-08	2.81E-08	2.19E-08	2.20E-08	2.19E-08	1.46E-08	6.41E-09	1.36E-07
1304	561277.3	4192287	2.73E-08	3.43E-08	2.69E-08	2.70E-08	2.69E-08	2.00E-08	1.21E-08	1.75E-07	1.95E-08	2.67E-08	2.09E-08	2.09E-08	2.09E-08	1.39E-08	6.10E-09	1.29E-07
1305	561262.8	4192381	3.66E-08	4.60E-08	3.61E-08	3.62E-08	3.61E-08	2.68E-08	1.62E-08	2.34E-07	2.62E-08	3.58E-08	2.80E-08	2.81E-08	2.80E-08	1.87E-08	8.17E-09	1.73E-07
1306	561265.2	4192371	3.54E-08	4.45E-08	3.49E-08	3.50E-08	3.49E-08	2.59E-08	1.57E-08	2.26E-07	2.53E-08	3.46E-08	2.71E-08	2.71E-08	2.71E-08	1.80E-08	7.90E-09	1.67E-07
1307	561267.6	4192362	3.41E-08	4.29E-08	3.37E-08	3.38E-08	3.37E-08	2.50E-08	1.51E-08	2.18E-07	2.44E-08	3.34E-08	2.61E-08	2.62E-08	2.61E-08	1.74E-08	7.62E-09	1.61E-07
1308	561270.1	4192353	3.29E-08	4.14E-08	3.25E-08	3.26E-08	3.25E-08	2.41E-08	1.46E-08	2.11E-07	2.35E-08	3.22E-08	2.52E-08	2.53E-08	2.52E-08	1.68E-08	7.35E-09	1.56E-07
1309	561272.5	4192344	3.17E-08	3.99E-08	3.13E-08	3.14E-08	3.13E-08	2.32E-08	1.41E-08	2.03E-07	2.27E-08	3.11E-08	2.43E-08	2.43E-08	2.43E-08	1.62E-08	7.08E-09	1.50E-07
1310	561274.9	4192335	3.05E-08	3.83E-08	3.01E-08	3.02E-08	3.01E-08	2.23E-08	1.35E-08	1.95E-07	2.18E-08	2.99E-08	2.33E-08	2.34E-08	2.33E-08	1.56E-08	6.81E-09	1.44E-07
1311	561277.3	4192326	2.93E-08	3.68E-08	2.89E-08	2.90E-08	2.89E-08	2.14E-08	1.30E-08	1.87E-07	2.09E-08	2.87E-08	2.24E-08	2.25E-08	2.24E-08	1.49E-08	6.54E-09	1.38E-07
1312	561279.7	4192317	2.81E-08	3.53E-08	2.77E-08	2.78E-08	2.77E-08	2.05E-08	1.24E-08	1.79E-07	2.01E-08	2.75E-08	2.15E-08	2.15E-08	2.15E-08	1.43E-08	6.27E-09	1.33E-07
1313	561282.2	4192308	2.69E-08	3.38E-08	2.65E-08	2.66E-08	2.65E-08	1.97E-08	1.19E-08	1.72E-07	1.92E-08	2.63E-08	2.06E-08	2.06E-08	2.06E-08	1.37E-08	6.00E-09	1.27E-07
1314	561284.6	4192299	2.57E-08	3.23E-08	2.54E-08	2.54E-08	2.54E-08	1.88E-08	1.14E-08	1.64E-07	1.84E-08	2.52E-08	1.97E-08	1.97E-08	1.97E-08	1.31E-08	5.74E-09	1.21E-07
1315	561287	4192290	2.46E-08	3.09E-08	2.43E-08	2.43E-08	2.43E-08	1.80E-08	1.09E-08	1.57E-07	1.76E-08	2.41E-08	1.88E-08	1.89E-08	1.88E-08	1.25E-08	5.49E-09	1.16E-07
1316	561272.5	4192383	3.24E-08	4.08E-08	3.20E-08	3.21E-08	3.20E-08	2.37E-08	1.44E-08	2.07E-07	2.32E-08	3.18E-08	2.48E-08	2.49E-08	2.48E-08	1.66E-08	7.25E-09	1.53E-07
1317	561274.9	4192374	3.14E-08	3.95E-08	3.10E-08	3.11E-08	3.10E-08	2.30E-08	1.39E-08	2.01E-07	2.25E-08	3.08E-08	2.40E-08	2.41E-08	2.40E-08	1.60E-08	7.01E-09	1.48E-07
1318	561277.3	4192365	3.03E-08	3.82E-08	2.99E-08	3.00E-08	2.99E-08	2.22E-08	1.35E-08	1.94E-07	2.17E-08	2.97E-08	2.32E-08	2.33E-08	2.32E-08	1.55E-08	6.78E-09	1.43E-07
1319	561279.7	4192356	2.93E-08	3.68E-08	2.89E-08	2.90E-08	2.89E-08	2.14E-08	1.30E-08	1.87E-07	2.10E-08	2.87E-08	2.24E-08	2.25E-08	2.24E-08	1.49E-08	6.54E-09	1.38E-07
1320	561282.1	4192347	2.83E-08	3.55E-08	2.79E-08	2.80E-08	2.79E-08	2.07E-08	1.25E-08	1.81E-07	2.02E-08	2.77E-08	2.16E-08	2.17E-08	2.16E-08	1.44E-08	6.31E-09	1.34E-07
1321	561284.6	4192338	2.72E-08	3.42E-08	2.													

1362	561349.8	4192326	1.49E-08	1.88E-08	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.62E-09	9.55E-08	1.07E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	7.61E-09	3.33E-09	7.05E-08
1363	561352.2	4192317	1.45E-08	1.83E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.45E-09	9.30E-08	1.04E-08	1.42E-08	1.11E-08	1.12E-08	1.11E-08	7.42E-09	3.25E-09	6.87E-08
1364	561354.6	4192308	1.42E-08	1.78E-08	1.40E-08	1.40E-08	1.40E-08	1.04E-08	6.29E-09	9.06E-08	1.01E-08	1.39E-08	1.08E-08	1.09E-08	1.08E-08	7.23E-09	3.16E-09	6.70E-08
1365	561340.1	4192401	1.71E-08	2.14E-08	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.57E-09	1.09E-07	1.22E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	8.70E-09	3.81E-09	8.06E-08
1366	561342.5	4192392	1.67E-08	2.10E-08	1.65E-08	1.65E-08	1.65E-08	1.22E-08	7.40E-09	1.07E-07	1.19E-08	1.64E-08	1.28E-08	1.28E-08	1.28E-08	8.52E-09	3.73E-09	7.89E-08
1367	561352.2	4192356	1.51E-08	1.90E-08	1.49E-08	1.49E-08	1.49E-08	1.11E-08	6.70E-09	9.66E-08	1.08E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	7.71E-09	3.37E-09	7.14E-08
1368	561354.6	4192347	1.47E-08	1.85E-08	1.45E-08	1.46E-08	1.45E-08	1.08E-08	6.53E-09	9.41E-08	1.05E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	7.50E-09	3.29E-09	6.95E-08
1369	561357	4192337	1.43E-08	1.80E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.36E-09	9.17E-08	1.02E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	7.31E-09	3.20E-09	6.77E-08
1370	561359.5	4192328	1.40E-08	1.76E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	8.94E-08	1.00E-08	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.13E-09	3.12E-09	6.61E-08
1371	561361.9	4192319	1.36E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	9.98E-09	6.05E-09	8.72E-08	9.75E-09	1.34E-08	1.04E-08	1.05E-08	1.04E-08	6.96E-09	3.05E-09	6.45E-08
1372	561364.3	4192310	1.33E-08	1.67E-08	1.31E-08	1.32E-08	1.31E-08	9.74E-09	5.90E-09	8.51E-08	9.52E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.79E-09	2.97E-09	6.29E-08
1373	561349.8	4192404	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.03E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	7.49E-08
1374	561352.2	4192395	1.55E-08	1.95E-08	1.53E-08	1.54E-08	1.53E-08	1.14E-08	6.89E-09	9.93E-08	1.11E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	7.92E-09	3.47E-09	7.34E-08
1375	561364.3	4192349	1.38E-08	1.73E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.12E-09	8.82E-08	9.86E-09	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.03E-09	3.08E-09	6.52E-08
1376	561366.7	4192340	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.85E-09	5.97E-09	8.60E-08	9.62E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.86E-09	3.01E-09	6.36E-08
1377	561369.1	4192331	1.31E-08	1.65E-08	1.30E-08	1.30E-08	1.30E-08	9.61E-09	5.83E-09	8.40E-08	9.39E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.70E-09	2.93E-09	6.21E-08
1378	561371.6	4192322	1.28E-08	1.61E-08	1.27E-08	1.27E-08	1.27E-08	9.39E-09	5.69E-09	8.21E-08	9.18E-09	1.26E-08	9.82E-09	9.85E-09	9.82E-09	6.55E-09	2.87E-09	6.06E-08
1379	561374	4192313	1.25E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	9.17E-09	5.56E-09	8.02E-08	8.96E-09	1.23E-08	9.59E-09	9.62E-09	9.59E-09	6.40E-09	2.80E-09	5.92E-08
1380	561217	4192241	5.50E-08	6.91E-08	5.43E-08	5.44E-08	5.43E-08	4.02E-08	2.44E-08	3.52E-07	3.93E-08	5.39E-08	4.21E-08	4.22E-08	4.21E-08	2.81E-08	1.23E-08	2.60E-07
1381	561207.5	4192238	6.28E-08	7.89E-08	6.19E-08	6.21E-08	6.19E-08	4.59E-08	2.78E-08	4.01E-07	4.49E-08	6.15E-08	4.80E-08	4.82E-08	4.80E-08	3.20E-08	1.40E-08	2.97E-07
1382	561197.9	4192236	6.98E-08	8.78E-08	6.89E-08	6.91E-08	6.89E-08	5.11E-08	3.10E-08	4.47E-07	4.99E-08	6.84E-08	5.34E-08	5.36E-08	5.34E-08	3.56E-08	1.56E-08	3.30E-07
1383	561188.4	4192234	7.57E-08	9.52E-08	7.47E-08	7.50E-08	7.47E-08	5.54E-08	3.36E-08	4.84E-07	5.42E-08	7.42E-08	5.80E-08	5.81E-08	5.80E-08	3.86E-08	1.69E-08	3.58E-07
1384	561178.9	4192231	8.05E-08	1.01E-07	7.94E-08	7.97E-08	7.94E-08	5.89E-08	3.57E-08	5.15E-07	5.76E-08	7.89E-08	6.16E-08	6.18E-08	6.16E-08	4.11E-08	1.80E-08	3.80E-07
1385	561169.4	4192229	8.41E-08	1.06E-07	8.30E-08	8.32E-08	8.30E-08	6.15E-08	3.73E-08	5.38E-07	6.01E-08	8.24E-08	6.43E-08	6.45E-08	6.43E-08	4.29E-08	1.92E-08	3.97E-07
1386	561159.8	4192227	8.63E-08	1.09E-07	8.52E-08	8.54E-08	8.52E-08	6.32E-08	3.83E-08	5.52E-07	6.17E-08	8.46E-08	6.61E-08	6.63E-08	6.61E-08	4.41E-08	1.93E-08	4.08E-07
1387	561150.3	4192224	8.72E-08	1.10E-07	8.61E-08	8.63E-08	8.61E-08	6.38E-08	3.87E-08	5.58E-07	6.24E-08	8.55E-08	6.67E-08	6.69E-08	6.67E-08	4.45E-08	1.95E-08	4.12E-07
1388	561121.7	4192217	9.01E-08	1.13E-07	8.89E-08	8.92E-08	8.89E-08	6.59E-08	4.00E-08	5.76E-07	6.44E-08	8.83E-08	6.90E-08	6.91E-08	6.90E-08	4.60E-08	2.01E-08	4.26E-07
1389	561112.2	4192215	9.26E-08	1.16E-07	9.14E-08	9.17E-08	9.14E-08	6.78E-08	4.11E-08	5.93E-07	6.62E-08	9.08E-08	7.09E-08	7.11E-08	7.09E-08	4.73E-08	2.07E-08	4.38E-07
1390	561103.6	4192213	9.47E-08	1.19E-07	9.35E-08	9.37E-08	9.35E-08	6.93E-08	4.20E-08	6.06E-07	6.77E-08	9.28E-08	7.25E-08	7.27E-08	7.25E-08	4.83E-08	2.12E-08	4.48E-07
1391	561092.1	4192210	9.59E-08	1.21E-07	9.46E-08	9.49E-08	9.46E-08	7.02E-08	4.25E-08	6.13E-07	6.86E-08	9.39E-08	7.34E-08	7.36E-08	7.34E-08	4.89E-08	2.14E-08	4.53E-07
1392	561083.6	4192208	9.58E-08	1.21E-07	9.46E-08	9.48E-08	9.46E-08	7.01E-08	4.25E-08	6.13E-07	6.85E-08	9.39E-08	7.33E-08	7.35E-08	7.33E-08	4.89E-08	2.14E-08	4.53E-07
1393	561074	4192206	9.44E-08	1.19E-07	9.32E-08	9.34E-08	9.32E-08	6.91E-08	4.19E-08	6.04E-07	6.75E-08	9.25E-08	7.23E-08	7.25E-08	7.23E-08	4.82E-08	2.11E-08	4.46E-07
1394	561064.5	4192203	9.13E-08	1.15E-07	9.01E-08	9.04E-08	9.01E-08	6.68E-08	4.05E-08	5.84E-07	6.53E-08	8.95E-08	6.99E-08	7.01E-08	6.99E-08	4.66E-08	2.04E-08	4.32E-07
1395	561055	4192201	8.61E-08	1.08E-07	8.50E-08	8.52E-08	8.50E-08	6.30E-08	3.82E-08	5.51E-07	6.16E-08	8.44E-08	6.59E-08	6.61E-08	6.59E-08	4.39E-08	1.92E-08	4.07E-07
1396	561219.4	4192231	4.66E-08	5.86E-08	4.60E-08	4.61E-08	4.60E-08	3.41E-08	2.07E-08	2.98E-07	3.33E-08	4.57E-08	3.57E-08	3.58E-08	3.57E-08	2.38E-08	1.04E-08	2.20E-07
1397	561209.9	4192229	5.23E-08	6.58E-08	5.16E-08	5.18E-08	5.16E-08	3.83E-08	2.32E-08	3.35E-07	3.74E-08	5.12E-08	4.00E-08	4.01E-08	4.00E-08	2.67E-08	1.17E-08	2.47E-07
1398	561200.3	4192226	5.77E-08	7.25E-08	5.69E-08	5.71E-08	5.69E-08	4.22E-08	2.56E-08	3.69E-07	4.13E-08	5.65E-08	4.41E-08	4.43E-08	4.41E-08	2.94E-08	1.29E-08	2.73E-07
1399	561190.8	4192224	6.25E-08	7.86E-08	6.17E-08	6.18E-08	6.17E-08	4.57E-08	2.77E-08	4.00E-07	4.47E-08	6.12E-08	4.78E-08	4.79E-08	4.78E-08	3.19E-08	1.40E-08	2.95E-07
1400	561181.3	4192222	6.65E-08	8.36E-08	6.56E-08	6.58E-08	6.56E-08	4.87E-08	2.95E-08	4.25E-07	4.76E-08	6.52E-08	5.09E-08	5.10E-08	5.09E-08	3.39E-08	1.49E-08	3.14E-07
1401	561171.7	4192219	6.97E-08	8.76E-08	6.88E-08	6.89E-08	6.88E-08	5.10E-08	3.09E-08	4.46E-07	4.98E-08	6.83E-08	5.33E-08	5.35E-08	5.33E-08	3.55E-08	1.56E-08	3.29E-07
1402	561162.2	4192217	7.19E-08	9.04E-08	7.09E-08	7.11E-08	7.09E-08	5.26E-08	3.19E-08	4.60E-07	5.14E-08	7.04E-08	5.50E-08	5.52E-08	5.50E-08	3.67E-08	1.61E-08	3.40E-07
1403	561152.7	4192215	7.32E-08	9.20E-08	7.22E-08	7.24E-08	7.22E-08	5.36E-08	3.25E-08	4.68E-07	5.23E-08	7.17E-08	5.60E-08	5.62E-08	5.60E-08	3.73E-08	1.64E-08	3.46E-07
1404	561124.1	4192208	7.66E-08	9.63E-08	7.56E-08	7.58E-08	7.56E-08	5.60E-08	3.40E-08	4.90E-07	5.48E-08	7.50E-08	5.86E-08	5.88E-08	5.86E-08	3.91E-08	1.71E-08	3.62E-07
1405	561114.5	4192205	7.82E-08	9.83E-08	7.72E-08	7.74E-08	7.72E-08	5.72E-08	3.47E-08	5.00E-07	5.59E-08	7.66E-08	5.98E-08	6.00E-08	5.98E-08	3.99E-08	1.75E-08	3.70E-07
1406	561105	4192203	7.96E-08	1.00E-07	7.85E-08	7.88E-08	7.85E-08	5.82E-08	3.53E-08	5.09E-07	5.69E-08	7.80E-08	6.09E-08	6.11E-08	6.09E-08	4.06E-08	1.78E-08	3.76E-07
1407	561095.5	4192201	8.04E-08	1.01E-07	7.94E-08	7.96E-08	7.94E-08	5.88E-08	3.57E-08	5.14E-07	5.75E-08	7.88E-08	6.15E-08	6.17E-08	6.15E-08	4.10E-08	1.80E-08	3.80E-07
1408	561086	4192198	8.04E-08	1.01E-07	7.94E-08	7.96E-08	7.94E-08	5.89E-08	3.57E-08	5.14E-07	5.75E-08	7.88E-08	6.15E-08	6.17E-08	6.15E-08	4.10E-08	1.80E-08	3.80E-07
1409	561076.4	4192196	7.94E-08	9.99E-08	7.84E-08	7.86E-08	7.84E-08	5.81E-08	3.52E-08	5.08E-07	5.68E-08	7.78E-08	6.08E-08	6.10E-08	6.08E-08	4.05E-08	1.77E-08	3.75E-07
1410	561066.9	4192194	7.72E-08	9.71E-08	7.62E-08	7.64E-08	7.62E-08	5.65E-08	3.43E-08	4.94E-07	5.52E-08	7.57E-08	5.91E-08	5.93E-08	5.91E-08	3.94E-08	1.73E-08	3.65E-07
1411	561057.4	4192191	7.37E-08	9.27E-08	7.28E-08	7.30E-08	7.28E-08	5.40E-08	3.27E-08	4.72E-07	5.52E-08	7.72E-08	5.64E-08	5.66E-08	5.64E-08	3.76E-08	1.65E-08	3.48E-07
1412	561257.2	4192250	3.07E-08	3.86E-08	3.03E-08													

1453	561217	4192200	3.45E-08	4.34E-08	3.41E-08	3.42E-08	3.41E-08	2.53E-08	1.53E-08	2.21E-07	2.47E-08	3.38E-08	2.64E-08	2.65E-08	2.64E-08	1.76E-08	7.71E-09	1.63E-07
1454	561207.5	4192197	3.74E-08	4.70E-08	3.69E-08	3.70E-08	3.69E-08	2.73E-08	1.66E-08	2.39E-07	2.67E-08	3.66E-08	2.86E-08	2.87E-08	2.86E-08	1.91E-08	8.34E-09	1.77E-07
1455	561198	4192195	4.00E-08	5.03E-08	3.95E-08	3.96E-08	3.95E-08	2.93E-08	1.78E-08	2.56E-07	2.86E-08	3.92E-08	3.06E-08	3.07E-08	3.06E-08	2.04E-08	8.94E-09	1.89E-07
1456	561188.4	4192192	4.25E-08	5.34E-08	4.19E-08	4.20E-08	4.19E-08	3.11E-08	1.88E-08	2.72E-07	3.04E-08	4.16E-08	3.25E-08	3.26E-08	3.25E-08	2.17E-08	9.48E-09	2.01E-07
1457	561178.9	4192190	4.46E-08	5.61E-08	4.40E-08	4.41E-08	4.40E-08	3.26E-08	1.98E-08	2.85E-07	3.19E-08	4.37E-08	3.41E-08	3.42E-08	3.41E-08	2.27E-08	9.96E-09	2.11E-07
1458	561169.4	4192188	4.64E-08	5.83E-08	4.58E-08	4.59E-08	4.58E-08	3.39E-08	2.06E-08	2.97E-07	3.32E-08	4.54E-08	3.55E-08	3.56E-08	3.55E-08	2.37E-08	1.04E-08	2.19E-07
1459	561159.8	4192185	4.79E-08	6.02E-08	4.73E-08	4.74E-08	4.73E-08	3.51E-08	2.13E-08	3.06E-07	3.43E-08	4.69E-08	3.67E-08	3.68E-08	3.67E-08	2.44E-08	1.07E-08	2.26E-07
1460	561131.2	4192178	5.14E-08	6.47E-08	5.08E-08	5.09E-08	5.08E-08	3.76E-08	2.28E-08	3.29E-07	3.68E-08	5.04E-08	3.94E-08	3.95E-08	3.94E-08	2.62E-08	1.15E-08	2.43E-07
1461	561121.7	4192176	5.23E-08	6.58E-08	5.17E-08	5.18E-08	5.17E-08	3.83E-08	2.32E-08	3.35E-07	3.74E-08	5.13E-08	4.01E-08	4.02E-08	4.01E-08	2.67E-08	1.17E-08	2.47E-07
1462	561112.2	4192174	5.31E-08	6.67E-08	5.24E-08	5.25E-08	5.24E-08	3.88E-08	2.35E-08	3.39E-07	3.80E-08	5.20E-08	4.06E-08	4.07E-08	4.06E-08	2.71E-08	1.19E-08	2.51E-07
1463	561102.6	4192171	5.35E-08	6.73E-08	5.28E-08	5.30E-08	5.28E-08	3.92E-08	2.37E-08	3.42E-07	3.83E-08	5.24E-08	4.10E-08	4.11E-08	4.10E-08	2.73E-08	1.20E-08	2.53E-07
1464	561093.1	4192169	5.36E-08	6.74E-08	5.29E-08	5.30E-08	5.29E-08	3.92E-08	2.38E-08	3.43E-07	3.83E-08	5.25E-08	4.10E-08	4.11E-08	4.10E-08	2.73E-08	1.20E-08	2.53E-07
1465	561083.6	4192167	5.32E-08	6.69E-08	5.25E-08	5.27E-08	5.25E-08	3.90E-08	2.36E-08	3.40E-07	3.81E-08	5.22E-08	4.07E-08	4.08E-08	4.07E-08	2.72E-08	1.19E-08	2.52E-07
1466	561074	4192164	5.24E-08	6.58E-08	5.17E-08	5.18E-08	5.17E-08	3.83E-08	2.32E-08	3.35E-07	3.74E-08	5.13E-08	4.01E-08	4.02E-08	4.01E-08	2.67E-08	1.17E-08	2.47E-07
1467	561064.5	4192162	5.10E-08	6.42E-08	5.04E-08	5.05E-08	5.04E-08	3.73E-08	2.26E-08	3.26E-07	3.65E-08	5.00E-08	3.90E-08	3.92E-08	3.90E-08	2.60E-08	1.14E-08	2.41E-07
1468	561267.5	4192216	2.22E-08	2.79E-08	2.19E-08	2.19E-08	2.19E-08	1.62E-08	9.83E-09	1.42E-07	1.58E-08	2.17E-08	1.70E-08	1.70E-08	1.70E-08	1.13E-08	4.95E-09	1.05E-07
1469	561274.7	4192221	2.13E-08	2.68E-08	2.10E-08	2.11E-08	2.10E-08	1.56E-08	9.45E-09	1.36E-07	1.52E-08	2.09E-08	1.63E-08	1.64E-08	1.63E-08	1.09E-08	4.76E-09	1.01E-07
1470	561283.2	4192236	2.13E-08	2.67E-08	2.10E-08	2.10E-08	2.10E-08	1.56E-08	9.44E-09	1.36E-07	1.52E-08	2.08E-08	1.63E-08	1.63E-08	1.63E-08	1.09E-08	4.75E-09	1.01E-07
1471	561284.5	4192245	2.20E-08	2.76E-08	2.17E-08	2.17E-08	2.17E-08	1.61E-08	9.74E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.69E-08	1.68E-08	1.12E-08	4.91E-09	1.04E-07
1472	561286.9	4192263	2.30E-08	2.89E-08	2.27E-08	2.27E-08	2.27E-08	1.68E-08	1.02E-08	1.47E-07	1.64E-08	2.25E-08	1.76E-08	1.76E-08	1.76E-08	1.17E-08	5.13E-09	1.09E-07
1473	561228.9	4192192	2.86E-08	3.59E-08	2.82E-08	2.83E-08	2.82E-08	2.09E-08	1.27E-08	1.83E-07	2.04E-08	2.80E-08	2.19E-08	2.19E-08	2.19E-08	1.46E-08	6.38E-09	1.35E-07
1474	561219.4	4192190	3.09E-08	3.89E-08	3.05E-08	3.06E-08	3.05E-08	2.26E-08	1.37E-08	1.98E-07	2.21E-08	3.03E-08	2.37E-08	2.37E-08	2.37E-08	1.58E-08	6.91E-09	1.46E-07
1475	561209.9	4192187	3.33E-08	4.18E-08	3.28E-08	3.29E-08	3.28E-08	2.44E-08	1.48E-08	2.13E-07	2.38E-08	3.26E-08	2.55E-08	2.55E-08	2.55E-08	1.70E-08	7.43E-09	1.57E-07
1476	561200.3	4192185	3.55E-08	4.47E-08	3.51E-08	3.52E-08	3.51E-08	2.60E-08	1.58E-08	2.27E-07	2.54E-08	3.48E-08	2.72E-08	2.73E-08	2.72E-08	1.81E-08	7.94E-09	1.68E-07
1477	561190.8	4192183	3.76E-08	4.73E-08	3.71E-08	3.72E-08	3.71E-08	2.75E-08	1.67E-08	2.41E-07	2.69E-08	3.69E-08	2.88E-08	2.89E-08	2.88E-08	1.92E-08	8.41E-09	1.78E-07
1478	561181.3	4192180	3.95E-08	4.97E-08	3.90E-08	3.91E-08	3.90E-08	2.89E-08	1.75E-08	2.53E-07	2.83E-08	3.87E-08	3.02E-08	3.03E-08	3.02E-08	2.02E-08	8.83E-09	1.87E-07
1479	561171.7	4192178	4.12E-08	5.18E-08	4.06E-08	4.07E-08	4.06E-08	3.01E-08	1.83E-08	2.63E-07	2.94E-08	4.03E-08	3.15E-08	3.16E-08	3.15E-08	2.10E-08	9.20E-09	1.95E-07
1480	561162.2	4192176	4.26E-08	5.36E-08	4.21E-08	4.22E-08	4.21E-08	3.12E-08	1.89E-08	2.73E-07	3.05E-08	4.18E-08	3.26E-08	3.27E-08	3.26E-08	2.17E-08	9.52E-09	2.01E-07
1481	561133.6	4192169	4.60E-08	5.79E-08	4.54E-08	4.56E-08	4.54E-08	3.37E-08	2.04E-08	2.94E-07	3.29E-08	4.51E-08	3.52E-08	3.53E-08	3.52E-08	2.35E-08	1.03E-08	2.18E-07
1482	561124.1	4192166	4.69E-08	5.90E-08	4.63E-08	4.64E-08	4.63E-08	3.43E-08	2.08E-08	3.00E-07	3.35E-08	4.59E-08	3.59E-08	3.60E-08	3.59E-08	2.39E-08	1.05E-08	2.22E-07
1483	561114.6	4192164	4.75E-08	5.98E-08	4.69E-08	4.70E-08	4.69E-08	3.48E-08	2.11E-08	3.04E-07	3.40E-08	4.66E-08	3.64E-08	3.65E-08	3.64E-08	2.43E-08	1.06E-08	2.25E-07
1484	561105	4192162	4.79E-08	6.03E-08	4.73E-08	4.74E-08	4.73E-08	3.51E-08	2.13E-08	3.07E-07	3.43E-08	4.70E-08	3.67E-08	3.68E-08	3.67E-08	2.45E-08	1.07E-08	2.27E-07
1485	561095.5	4192159	4.80E-08	6.04E-08	4.74E-08	4.75E-08	4.74E-08	3.52E-08	2.13E-08	3.07E-07	3.44E-08	4.71E-08	3.68E-08	3.69E-08	3.68E-08	2.45E-08	1.07E-08	2.27E-07
1486	561086	4192157	4.78E-08	6.01E-08	4.72E-08	4.73E-08	4.72E-08	3.50E-08	2.12E-08	3.06E-07	3.42E-08	4.68E-08	3.66E-08	3.67E-08	3.66E-08	2.44E-08	1.07E-08	2.26E-07
1487	561076.4	4192155	4.71E-08	5.93E-08	4.65E-08	4.66E-08	4.65E-08	3.45E-08	2.09E-08	3.02E-07	3.37E-08	4.62E-08	3.61E-08	3.62E-08	3.61E-08	2.41E-08	1.05E-08	2.23E-07
1488	561066.9	4192152	4.61E-08	5.80E-08	4.55E-08	4.56E-08	4.55E-08	3.38E-08	2.05E-08	2.95E-07	3.30E-08	4.52E-08	3.53E-08	3.54E-08	3.53E-08	2.35E-08	1.03E-08	2.18E-07
1489	561276.4	4192211	1.98E-08	2.49E-08	1.95E-08	1.96E-08	1.95E-08	1.45E-08	8.79E-09	1.27E-07	1.40E-08	1.94E-08	1.52E-08	1.52E-08	1.52E-08	1.01E-08	4.42E-09	9.36E-08
1490	561283.5	4192216	1.91E-08	2.41E-08	1.89E-08	1.89E-08	1.89E-08	1.40E-08	8.49E-09	1.22E-07	1.37E-08	1.87E-08	1.46E-08	1.47E-08	1.46E-08	9.76E-09	4.27E-09	9.04E-08
1491	561291.8	4192230	1.92E-08	2.41E-08	1.89E-08	1.90E-08	1.89E-08	1.40E-08	8.50E-09	1.23E-07	1.37E-08	1.88E-08	1.47E-08	1.47E-08	1.47E-08	9.78E-09	4.28E-09	9.06E-08
1492	561294.2	4192248	2.03E-08	2.55E-08	2.00E-08	2.01E-08	2.00E-08	1.49E-08	9.01E-09	1.30E-07	1.45E-08	1.99E-08	1.55E-08	1.56E-08	1.55E-08	1.04E-08	4.53E-09	9.59E-08
1493	561296.7	4192265	2.11E-08	2.65E-08	2.08E-08	2.08E-08	2.08E-08	1.54E-08	9.34E-09	1.35E-07	1.51E-08	2.06E-08	1.61E-08	1.62E-08	1.61E-08	1.07E-08	4.70E-09	9.95E-08
1494	561231.3	4192182	2.59E-08	3.26E-08	2.56E-08	2.57E-08	2.56E-08	1.90E-08	1.15E-08	1.66E-07	1.86E-08	2.54E-08	1.99E-08	1.99E-08	1.99E-08	1.32E-08	5.79E-09	1.23E-07
1495	561221.8	4192180	2.79E-08	3.51E-08	2.76E-08	2.77E-08	2.76E-08	2.05E-08	1.24E-08	1.79E-07	2.20E-08	2.74E-08	2.14E-08	2.14E-08	2.14E-08	1.43E-08	6.24E-09	1.32E-07
1496	561212.3	4192178	2.99E-08	3.77E-08	2.96E-08	2.96E-08	2.96E-08	2.19E-08	1.33E-08	1.92E-07	2.14E-08	2.93E-08	2.29E-08	2.30E-08	2.29E-08	1.53E-08	6.69E-09	1.42E-07
1497	561202.7	4192175	3.19E-08	4.01E-08	3.15E-08	3.16E-08	3.15E-08	2.33E-08	1.41E-08	2.04E-07	2.28E-08	3.12E-08	2.44E-08	2.45E-08	2.44E-08	1.63E-08	7.12E-09	1.51E-07
1498	561193.2	4192173	3.37E-08	4.24E-08	3.33E-08	3.34E-08	3.33E-08	2.47E-08	1.50E-08	2.16E-07	2.41E-08	3.30E-08	2.58E-08	2.59E-08	2.58E-08	1.72E-08	7.53E-09	1.59E-07
1499	561183.7	4192171	3.54E-08	4.45E-08	3.49E-08	3.50E-08	3.49E-08	2.59E-08	1.57E-08	2.26E-07	2.53E-08	3.47E-08	2.71E-08	2.71E-08	2.71E-08	1.80E-08	7.90E-09	1.67E-07
1500	561174.1	4192168	3.69E-08	4.64E-08	3.64E-08	3.65E-08	3.64E-08	2.70E-08	1.64E-08	2.36E-07	2.64E-08	3.61E-08	2.82E-08	2.83E-08	2.82E-08	1.88E-08	8.24E-09	1.74E-07
1501	561164.6	4192166	3.83E-08	4.81E-08	3.78E-08	3.79E-08	3.78E-08	2.80E-08	1.70E-08	2.45E-07	2.74E-08	3.75E-08	2.93E-08	2.94E-08	2.93E-08	1.95E-08	8.55E-09	1.81E-07
1502	561136	4192159	4.15E-08	5.22E-08	4.10E-08	4.11E-08	4.10E-08	3.04E-08	1.84E-08	2.66E-07	2.97E-08	4.07E-08	3.18E-08	3.19E-08	3.18E-08	2.12E-08	9.28E-09	1.96E-07
1503	561126.5	4192157	4.23E-08	5.32E-08	4.18E-													

1544	561217	4192158	2.48E-08	3.12E-08	2.45E-08	2.46E-08	2.45E-08	1.82E-08	1.10E-08	1.59E-07	1.78E-08	2.43E-08	1.90E-08	1.91E-08	1.90E-08	1.27E-08	5.55E-09	1.17E-07
1545	561207.5	4192156	2.63E-08	3.31E-08	2.60E-08	2.60E-08	2.60E-08	1.93E-08	1.17E-08	1.68E-07	1.88E-08	2.58E-08	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.88E-09	1.24E-07
1546	561198	4192154	2.77E-08	3.49E-08	2.74E-08	2.74E-08	2.74E-08	2.03E-08	1.23E-08	1.77E-07	1.98E-08	2.72E-08	2.12E-08	2.13E-08	2.12E-08	1.42E-08	6.20E-09	1.31E-07
1547	561188.4	4192151	2.91E-08	3.66E-08	2.87E-08	2.87E-08	2.87E-08	2.12E-08	1.29E-08	1.86E-07	2.08E-08	2.85E-08	2.23E-08	2.23E-08	2.23E-08	1.48E-08	6.50E-09	1.37E-07
1548	561178.9	4192149	3.04E-08	3.82E-08	3.00E-08	3.00E-08	3.00E-08	2.23E-08	1.35E-08	1.94E-07	2.17E-08	2.97E-08	2.32E-08	2.33E-08	2.32E-08	1.55E-08	6.78E-09	1.43E-07
1549	561169.4	4192147	3.15E-08	3.97E-08	3.11E-08	3.12E-08	3.11E-08	2.31E-08	1.40E-08	2.02E-07	2.26E-08	3.09E-08	2.41E-08	2.42E-08	2.41E-08	1.61E-08	7.04E-09	1.49E-07
1550	561150.3	4192142	3.36E-08	4.22E-08	3.31E-08	3.32E-08	3.31E-08	2.46E-08	1.49E-08	2.15E-07	2.40E-08	3.29E-08	2.57E-08	2.58E-08	2.57E-08	1.71E-08	7.50E-09	1.59E-07
1551	561140.8	4192140	3.44E-08	4.33E-08	3.40E-08	3.41E-08	3.40E-08	2.52E-08	1.53E-08	2.20E-07	2.46E-08	3.37E-08	2.64E-08	2.64E-08	2.64E-08	1.76E-08	7.69E-09	1.63E-07
1552	561131.2	4192137	3.51E-08	4.42E-08	3.47E-08	3.48E-08	3.47E-08	2.57E-08	1.56E-08	2.25E-07	2.51E-08	3.44E-08	2.69E-08	2.70E-08	2.69E-08	1.79E-08	7.85E-09	1.66E-07
1553	561121.7	4192133	3.57E-08	4.49E-08	3.52E-08	3.53E-08	3.52E-08	2.61E-08	1.58E-08	2.28E-07	2.55E-08	3.50E-08	2.73E-08	2.74E-08	2.73E-08	1.82E-08	7.97E-09	1.69E-07
1554	561112.2	4192133	3.60E-08	4.53E-08	3.56E-08	3.57E-08	3.56E-08	2.64E-08	1.60E-08	2.31E-07	2.58E-08	3.53E-08	2.76E-08	2.77E-08	2.76E-08	1.84E-08	8.05E-09	1.70E-07
1555	561102.6	4192130	3.62E-08	4.55E-08	3.57E-08	3.58E-08	3.57E-08	2.65E-08	1.61E-08	2.32E-07	2.59E-08	3.55E-08	2.77E-08	2.78E-08	2.77E-08	1.85E-08	8.09E-09	1.71E-07
1556	561093.1	4192128	3.62E-08	4.55E-08	3.57E-08	3.58E-08	3.57E-08	2.65E-08	1.60E-08	2.31E-07	2.59E-08	3.54E-08	2.77E-08	2.77E-08	2.77E-08	1.84E-08	8.08E-09	1.71E-07
1557	561083.6	4192126	3.59E-08	4.51E-08	3.54E-08	3.55E-08	3.54E-08	2.63E-08	1.59E-08	2.30E-07	2.57E-08	3.52E-08	2.75E-08	2.75E-08	2.75E-08	1.83E-08	8.02E-09	1.70E-07
1558	561074.1	4192123	3.54E-08	4.46E-08	3.50E-08	3.51E-08	3.50E-08	2.59E-08	1.57E-08	2.27E-07	2.53E-08	3.47E-08	2.71E-08	2.72E-08	2.71E-08	1.81E-08	7.92E-09	1.68E-07
1559	561278.4	4192178	1.64E-08	2.06E-08	1.62E-08	1.62E-08	1.62E-08	1.20E-08	7.27E-09	1.05E-07	1.17E-08	1.61E-08	1.25E-08	1.26E-08	1.25E-08	8.36E-09	3.66E-09	7.75E-08
1560	561286	4192184	1.58E-08	1.99E-08	1.56E-08	1.57E-08	1.56E-08	1.16E-08	7.03E-09	1.01E-07	1.13E-08	1.55E-08	1.21E-08	1.22E-08	1.21E-08	8.08E-09	3.54E-09	7.49E-08
1561	561293.6	4192189	1.53E-08	1.93E-08	1.51E-08	1.52E-08	1.51E-08	1.12E-08	6.81E-09	9.82E-08	1.10E-08	1.50E-08	1.17E-08	1.18E-08	1.17E-08	7.83E-09	3.43E-09	7.25E-08
1562	561301.2	4192195	1.49E-08	1.87E-08	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.61E-09	9.54E-08	1.07E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.61E-09	3.33E-09	7.05E-08
1563	561308.8	4192201	1.45E-08	1.82E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.44E-09	9.28E-08	1.04E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.40E-09	3.24E-09	6.86E-08
1564	561317.7	4192216	1.46E-08	1.84E-08	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.50E-09	9.37E-08	1.05E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	7.47E-09	3.27E-09	6.92E-08
1565	561319	4192225	1.51E-08	1.90E-08	1.49E-08	1.50E-08	1.49E-08	1.11E-08	6.71E-09	9.67E-08	1.08E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	7.72E-09	3.38E-09	7.15E-08
1566	561320.3	4192234	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.91E-09	9.96E-08	1.11E-08	1.53E-08	1.19E-08	1.19E-08	1.19E-08	7.94E-09	3.48E-09	7.36E-08
1567	561321.6	4192244	1.60E-08	2.01E-08	1.57E-08	1.58E-08	1.57E-08	1.17E-08	7.08E-09	1.02E-07	1.14E-08	1.56E-08	1.22E-08	1.22E-08	1.22E-08	8.14E-09	3.56E-09	7.54E-08
1568	561322.9	4192253	1.63E-08	2.05E-08	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.22E-09	1.04E-07	1.16E-08	1.59E-08	1.24E-08	1.25E-08	1.24E-08	8.30E-09	3.63E-09	7.69E-08
1569	561324.2	4192263	1.65E-08	2.08E-08	1.63E-08	1.63E-08	1.63E-08	1.21E-08	7.32E-09	1.06E-07	1.18E-08	1.62E-08	1.26E-08	1.27E-08	1.26E-08	8.42E-09	3.69E-09	7.80E-08
1570	561325.5	4192272	1.67E-08	2.10E-08	1.65E-08	1.65E-08	1.65E-08	1.22E-08	7.40E-09	1.07E-07	1.19E-08	1.63E-08	1.28E-08	1.28E-08	1.28E-08	8.51E-09	3.72E-09	7.88E-08
1571	561248	4192156	1.89E-08	2.38E-08	1.86E-08	1.87E-08	1.86E-08	1.38E-08	8.38E-09	1.21E-07	1.35E-08	1.85E-08	1.45E-08	1.45E-08	1.45E-08	9.64E-09	4.22E-09	8.93E-08
1572	561238.5	4192153	2.02E-08	2.54E-08	1.99E-08	2.00E-08	1.99E-08	1.48E-08	8.95E-09	1.29E-07	1.44E-08	1.98E-08	1.54E-08	1.55E-08	1.54E-08	1.03E-08	4.51E-09	9.54E-08
1573	561228.9	4192151	2.15E-08	2.70E-08	2.12E-08	2.13E-08	2.12E-08	1.57E-08	9.54E-09	1.38E-07	1.54E-08	2.11E-08	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.80E-09	1.02E-07
1574	561219.4	4192149	2.28E-08	2.87E-08	2.25E-08	2.26E-08	2.25E-08	1.67E-08	1.01E-08	1.46E-07	1.63E-08	2.24E-08	1.75E-08	1.75E-08	1.75E-08	1.16E-08	5.10E-09	1.08E-07
1575	561209.9	4192146	2.41E-08	3.04E-08	2.38E-08	2.39E-08	2.38E-08	1.77E-08	1.07E-08	1.54E-07	1.73E-08	2.37E-08	1.85E-08	1.85E-08	1.85E-08	1.23E-08	5.39E-09	1.14E-07
1576	561200.3	4192144	2.54E-08	3.20E-08	2.51E-08	2.52E-08	2.51E-08	1.86E-08	1.13E-08	1.63E-07	1.82E-08	2.49E-08	1.95E-08	1.95E-08	1.95E-08	1.30E-08	5.68E-09	1.20E-07
1577	561190.8	4192142	2.66E-08	3.35E-08	2.63E-08	2.64E-08	2.63E-08	1.95E-08	1.18E-08	1.70E-07	1.91E-08	2.61E-08	2.04E-08	2.04E-08	2.04E-08	1.36E-08	5.95E-09	1.26E-07
1578	561181.3	4192139	2.78E-08	3.50E-08	2.74E-08	2.75E-08	2.74E-08	2.04E-08	1.23E-08	1.78E-07	1.99E-08	2.72E-08	2.13E-08	2.13E-08	2.13E-08	1.42E-08	6.21E-09	1.31E-07
1579	561171.8	4192137	2.89E-08	3.63E-08	2.85E-08	2.86E-08	2.85E-08	2.11E-08	1.28E-08	1.85E-07	2.07E-08	2.83E-08	2.21E-08	2.22E-08	2.21E-08	1.47E-08	6.46E-09	1.37E-07
1580	561152.7	4192132	3.08E-08	3.87E-08	3.04E-08	3.05E-08	3.04E-08	2.25E-08	1.37E-08	1.97E-07	2.20E-08	3.02E-08	2.36E-08	2.36E-08	2.36E-08	1.57E-08	6.88E-09	1.46E-07
1581	561143.2	4192130	3.16E-08	3.97E-08	3.12E-08	3.13E-08	3.12E-08	2.31E-08	1.40E-08	2.02E-07	2.26E-08	3.10E-08	2.42E-08	2.43E-08	2.42E-08	1.61E-08	7.06E-09	1.49E-07
1582	561133.6	4192128	3.23E-08	4.06E-08	3.18E-08	3.19E-08	3.18E-08	2.36E-08	1.43E-08	2.06E-07	2.31E-08	3.16E-08	2.47E-08	2.48E-08	2.47E-08	1.65E-08	7.21E-09	1.53E-07
1583	561124.1	4192125	3.28E-08	4.12E-08	3.24E-08	3.24E-08	3.24E-08	2.40E-08	1.45E-08	2.10E-07	2.34E-08	3.21E-08	2.51E-08	2.52E-08	2.51E-08	1.67E-08	7.32E-09	1.55E-07
1584	561114.6	4192123	3.31E-08	4.17E-08	3.27E-08	3.28E-08	3.27E-08	2.43E-08	1.47E-08	2.12E-07	2.37E-08	3.25E-08	2.54E-08	2.54E-08	2.54E-08	1.69E-08	7.40E-09	1.57E-07
1585	561105	4192121	3.33E-08	4.19E-08	3.29E-08	3.30E-08	3.29E-08	2.44E-08	1.48E-08	2.13E-07	2.38E-08	3.26E-08	2.55E-08	2.56E-08	2.55E-08	1.70E-08	7.44E-09	1.57E-07
1586	561095.5	4192118	3.33E-08	4.19E-08	3.29E-08	3.30E-08	3.29E-08	2.44E-08	1.48E-08	2.13E-07	2.38E-08	3.26E-08	2.55E-08	2.56E-08	2.55E-08	1.70E-08	7.44E-09	1.57E-07
1587	561086	4192116	3.31E-08	4.17E-08	3.27E-08	3.28E-08	3.27E-08	2.42E-08	1.47E-08	2.12E-07	2.37E-08	3.25E-08	2.54E-08	2.54E-08	2.54E-08	1.69E-08	7.40E-09	1.57E-07
1588	561076.4	4192113	3.28E-08	4.12E-08	3.24E-08	3.24E-08	3.24E-08	2.40E-08	1.45E-08	2.10E-07	2.34E-08	3.21E-08	2.51E-08	2.52E-08	2.51E-08	1.67E-08	7.32E-09	1.55E-07
1589	561280.2	4192168	1.54E-08	1.94E-08	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.83E-09	9.84E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.85E-09	3.44E-09	7.27E-08
1590	561287.7	4192174	1.49E-08	1.87E-08	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.61E-09	9.52E-08	1.06E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.60E-09	3.33E-09	7.04E-08
1591	561295.2	4192179	1.44E-08	1.82E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.41E-09	9.24E-08	1.03E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	7.37E-09	3.23E-09	6.83E-08
1592	561302.6	4192185	1.40E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.23E-09	8.98E-08	1.00E-08	1.38E-08	1.07E-08	1.08E-08	1.07E-08	7.16E-09	3.14E-09	6.64E-08
1593	561310.1	4192190	1.37E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.07E-09	8.75E-08	9.78E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	6.98E-09	3.06E-09	6.47E-08
1594	561317.5	4192196	1.34E-08	1.68E-08	1.32E-08													

1635	561195.6	4192122	2.27E-08	2.86E-08	2.24E-08	2.25E-08	2.24E-08	1.66E-08	1.01E-08	1.45E-07	1.63E-08	2.23E-08	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.08E-09	1.07E-07
1636	561186.1	4192120	2.37E-08	2.98E-08	2.34E-08	2.35E-08	2.34E-08	1.74E-08	1.05E-08	1.52E-07	1.70E-08	2.32E-08	1.81E-08	1.82E-08	1.81E-08	1.21E-08	5.30E-09	1.12E-07
1637	561176.5	4192117	2.46E-08	3.10E-08	2.43E-08	2.44E-08	2.43E-08	1.80E-08	1.09E-08	1.58E-07	1.76E-08	2.41E-08	1.88E-08	1.89E-08	1.88E-08	1.26E-08	5.50E-09	1.16E-07
1638	561157.5	4192113	2.63E-08	3.30E-08	2.59E-08	2.60E-08	2.59E-08	1.92E-08	1.17E-08	1.68E-07	1.88E-08	2.57E-08	2.01E-08	2.02E-08	2.01E-08	1.34E-08	5.87E-09	1.24E-07
1639	561147.9	4192110	2.70E-08	3.39E-08	2.66E-08	2.67E-08	2.66E-08	1.97E-08	1.20E-08	1.72E-07	1.93E-08	2.64E-08	2.06E-08	2.07E-08	2.06E-08	1.38E-08	6.02E-09	1.27E-07
1640	561138.4	4192108	2.75E-08	3.46E-08	2.72E-08	2.73E-08	2.72E-08	2.02E-08	1.22E-08	1.76E-07	1.97E-08	2.70E-08	2.11E-08	2.11E-08	2.11E-08	1.41E-08	6.15E-09	1.30E-07
1641	561128.9	4192106	2.80E-08	3.52E-08	2.76E-08	2.77E-08	2.76E-08	2.05E-08	1.24E-08	1.79E-07	2.00E-08	2.74E-08	2.14E-08	2.15E-08	2.14E-08	1.43E-08	6.26E-09	1.32E-07
1642	561119.3	4192103	2.83E-08	3.56E-08	2.80E-08	2.81E-08	2.80E-08	2.07E-08	1.26E-08	1.81E-07	2.03E-08	2.78E-08	2.17E-08	2.18E-08	2.17E-08	1.45E-08	6.33E-09	1.34E-07
1643	561109.8	4192101	2.85E-08	3.59E-08	2.82E-08	2.83E-08	2.82E-08	2.09E-08	1.27E-08	1.83E-07	2.04E-08	2.80E-08	2.18E-08	2.19E-08	2.18E-08	1.46E-08	6.38E-09	1.35E-07
1644	561100.3	4192099	2.86E-08	3.60E-08	2.82E-08	2.83E-08	2.82E-08	2.09E-08	1.27E-08	1.83E-07	2.05E-08	2.80E-08	2.19E-08	2.20E-08	2.19E-08	1.46E-08	6.39E-09	1.35E-07
1645	561090.7	4192096	2.85E-08	3.59E-08	2.82E-08	2.83E-08	2.82E-08	2.09E-08	1.27E-08	1.83E-07	2.04E-08	2.80E-08	2.18E-08	2.19E-08	2.18E-08	1.46E-08	6.38E-09	1.35E-07
1646	561081.2	4192094	2.84E-08	3.57E-08	2.80E-08	2.81E-08	2.80E-08	2.08E-08	1.26E-08	1.81E-07	2.03E-08	2.78E-08	2.17E-08	2.18E-08	2.17E-08	1.45E-08	6.33E-09	1.34E-07
1647	561291.4	4192153	1.32E-08	1.66E-08	1.31E-08	1.31E-08	1.31E-08	9.69E-09	5.87E-09	8.47E-08	9.47E-09	1.30E-08	1.01E-08	1.02E-08	1.01E-08	6.75E-09	2.96E-09	6.26E-08
1648	561305.9	4192164	1.25E-08	1.57E-08	1.23E-08	1.24E-08	1.23E-08	9.16E-09	5.55E-09	8.00E-08	8.95E-09	1.32E-08	9.57E-09	9.60E-09	9.57E-09	6.38E-09	2.79E-09	5.91E-08
1649	561320.5	4192175	1.19E-08	1.50E-08	1.18E-08	1.18E-08	1.18E-08	8.73E-09	5.29E-09	7.63E-08	8.53E-09	1.17E-08	9.13E-09	9.16E-09	9.13E-09	6.09E-09	2.67E-09	5.64E-08
1650	561335	4192186	1.15E-08	1.44E-08	1.13E-08	1.14E-08	1.13E-08	8.40E-09	5.09E-09	7.34E-08	8.20E-09	1.12E-08	8.78E-09	8.80E-09	8.78E-09	5.85E-09	2.56E-09	5.42E-08
1651	561343.5	4192200	1.16E-08	1.46E-08	1.15E-08	1.15E-08	1.15E-08	8.51E-09	5.16E-09	7.44E-08	8.32E-09	1.14E-08	8.90E-09	8.92E-09	8.90E-09	5.93E-09	2.60E-09	5.50E-08
1652	561344.7	4192209	1.20E-08	1.51E-08	1.18E-08	1.19E-08	1.18E-08	8.77E-09	5.32E-09	7.67E-08	8.57E-09	1.17E-08	9.17E-09	9.20E-09	9.17E-09	6.12E-09	2.68E-09	5.67E-08
1653	561350.9	4192254	1.34E-08	1.68E-08	1.32E-08	1.32E-08	1.32E-08	9.79E-09	5.94E-09	8.56E-08	9.57E-09	1.31E-08	1.02E-08	1.03E-08	1.02E-08	6.83E-09	2.99E-09	6.32E-08
1654	561352.1	4192263	1.35E-08	1.70E-08	1.34E-08	1.34E-08	1.34E-08	9.90E-09	6.00E-09	8.65E-08	9.68E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.90E-09	3.02E-09	6.40E-08
1655	561354.6	4192281	1.37E-08	1.73E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.09E-09	8.77E-08	9.81E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	7.00E-09	3.06E-09	6.48E-08
1656	561296.4	4192146	1.24E-08	1.56E-08	1.22E-08	1.22E-08	1.22E-08	9.05E-09	5.49E-09	7.91E-08	8.85E-09	1.21E-08	9.47E-09	9.49E-09	9.47E-09	6.31E-09	2.76E-09	5.85E-08
1657	561304.2	4192151	1.20E-08	1.51E-08	1.18E-08	1.19E-08	1.18E-08	8.78E-09	5.32E-09	7.68E-08	8.58E-09	1.18E-08	9.18E-09	9.21E-09	9.18E-09	6.12E-09	2.68E-09	5.67E-08
1658	561312	4192157	1.17E-08	1.47E-08	1.15E-08	1.15E-08	1.15E-08	8.54E-09	5.18E-09	7.46E-08	8.34E-09	1.14E-08	8.93E-09	8.95E-09	8.93E-09	5.95E-09	2.61E-09	5.52E-08
1659	561319.7	4192163	1.14E-08	1.43E-08	1.12E-08	1.13E-08	1.12E-08	8.33E-09	5.05E-09	7.28E-08	8.14E-09	1.11E-08	8.71E-09	8.73E-09	8.71E-09	5.81E-09	2.54E-09	5.38E-08
1660	561327.5	4192169	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.51E-09	8.54E-09	8.51E-09	5.68E-09	2.48E-09	5.26E-08
1661	561335.3	4192174	1.09E-08	1.37E-08	1.08E-08	1.08E-08	1.08E-08	7.98E-09	4.84E-09	6.97E-08	7.80E-09	1.07E-08	8.34E-09	8.36E-09	8.34E-09	5.56E-09	2.43E-09	5.15E-08
1662	561343	4192180	1.07E-08	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.83E-09	4.75E-09	6.84E-08	7.65E-09	1.05E-08	8.19E-09	8.21E-09	8.19E-09	5.46E-09	2.39E-09	5.06E-08
1663	561357.4	4192234	1.22E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	8.91E-09	5.40E-09	7.78E-08	8.70E-09	1.19E-08	9.31E-09	9.34E-09	9.31E-09	6.21E-09	2.72E-09	5.75E-08
1664	561358.8	4192244	1.24E-08	1.56E-08	1.22E-08	1.23E-08	1.22E-08	9.08E-09	5.51E-09	7.94E-08	8.87E-09	1.22E-08	9.50E-09	9.52E-09	9.50E-09	6.33E-09	2.77E-09	5.87E-08
1665	561360.1	4192253	1.26E-08	1.58E-08	1.24E-08	1.25E-08	1.24E-08	9.22E-09	5.59E-09	8.06E-08	9.01E-09	1.23E-08	9.64E-09	9.67E-09	9.64E-09	6.43E-09	2.81E-09	5.96E-08
1666	561361.4	4192263	1.27E-08	1.60E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.66E-09	8.15E-08	9.12E-09	1.25E-08	9.76E-09	9.78E-09	9.76E-09	6.50E-09	2.85E-09	6.03E-08
1667	561362.8	4192272	1.29E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	9.41E-09	5.70E-09	8.22E-08	9.19E-09	1.26E-08	9.84E-09	9.86E-09	9.84E-09	6.56E-09	2.87E-09	6.08E-08
1668	561364.1	4192282	1.29E-08	1.63E-08	1.28E-08	1.28E-08	1.28E-08	9.46E-09	5.73E-09	8.27E-08	9.24E-09	1.27E-08	9.89E-09	9.92E-09	9.89E-09	6.59E-09	2.89E-09	6.11E-08
1669	561257.5	4192117	1.45E-08	1.83E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.45E-09	9.30E-08	1.04E-08	1.42E-08	1.11E-08	1.12E-08	1.11E-08	7.42E-09	3.25E-09	6.87E-08
1670	561248	4192114	1.54E-08	1.94E-08	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.83E-09	9.84E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.85E-09	3.44E-09	7.27E-08
1671	561238.5	4192112	1.63E-08	2.04E-08	1.60E-08	1.61E-08	1.60E-08	1.19E-08	7.21E-09	1.04E-07	1.16E-08	1.59E-08	1.24E-08	1.25E-08	1.24E-08	8.30E-09	3.63E-09	7.69E-08
1672	561229	4192110	1.71E-08	2.16E-08	1.69E-08	1.70E-08	1.69E-08	1.25E-08	7.60E-09	1.10E-07	1.23E-08	1.68E-08	1.31E-08	1.32E-08	1.31E-08	8.74E-09	3.83E-09	8.10E-08
1673	561219.4	4192107	1.80E-08	2.27E-08	1.78E-08	1.78E-08	1.78E-08	1.32E-08	7.99E-09	1.15E-07	1.29E-08	1.77E-08	1.38E-08	1.38E-08	1.38E-08	9.19E-09	4.02E-09	8.52E-08
1674	561209.9	4192105	1.89E-08	2.37E-08	1.86E-08	1.87E-08	1.86E-08	1.38E-08	8.38E-09	1.21E-07	1.35E-08	1.85E-08	1.45E-08	1.45E-08	1.45E-08	9.64E-09	4.22E-09	8.93E-08
1675	561200.4	4192103	1.97E-08	2.48E-08	1.95E-08	1.95E-08	1.95E-08	1.44E-08	8.75E-09	1.26E-07	1.41E-08	1.93E-08	1.51E-08	1.51E-08	1.51E-08	1.01E-08	4.41E-09	9.33E-08
1676	561190.8	4192100	2.06E-08	2.58E-08	2.03E-08	2.03E-08	2.03E-08	1.50E-08	9.12E-09	1.31E-07	1.47E-08	2.01E-08	1.57E-08	1.58E-08	1.57E-08	1.05E-08	4.59E-09	9.71E-08
1677	561181.3	4192098	2.13E-08	2.68E-08	2.11E-08	2.11E-08	2.11E-08	1.56E-08	9.46E-09	1.36E-07	1.53E-08	2.09E-08	1.63E-08	1.64E-08	1.63E-08	1.09E-08	4.76E-09	1.01E-07
1678	561162.2	4192093	2.27E-08	2.86E-08	2.24E-08	2.25E-08	2.24E-08	1.66E-08	1.01E-08	1.45E-07	1.63E-08	2.23E-08	1.74E-08	1.74E-08	1.74E-08	1.16E-08	5.08E-09	1.07E-07
1679	561152.7	4192091	2.33E-08	2.93E-08	2.30E-08	2.31E-08	2.30E-08	1.71E-08	1.03E-08	1.49E-07	1.67E-08	2.29E-08	1.79E-08	1.79E-08	1.79E-08	1.19E-08	5.21E-09	1.10E-07
1680	561143.2	4192089	2.38E-08	3.00E-08	2.35E-08	2.36E-08	2.35E-08	1.74E-08	1.06E-08	1.52E-07	1.70E-08	2.34E-08	1.82E-08	1.83E-08	1.82E-08	1.22E-08	5.33E-09	1.13E-07
1681	561133.6	4192086	2.43E-08	3.05E-08	2.39E-08	2.40E-08	2.39E-08	1.78E-08	1.08E-08	1.55E-07	1.73E-08	2.38E-08	1.86E-08	1.86E-08	1.86E-08	1.24E-08	5.42E-09	1.15E-07
1682	561124.1	4192084	2.46E-08	3.09E-08	2.43E-08	2.43E-08	2.43E-08	1.80E-08	1.09E-08	1.57E-07	1.76E-08	2.41E-08	1.88E-08	1.89E-08	1.88E-08	1.25E-08	5.49E-09	1.16E-07
1683	561114.6	4192082	2.48E-08	3.12E-08	2.45E-08	2.45E-08	2.45E-08	1.81E-08	1.10E-08	1.59E-07	1.77E-08	2.43E-08	1.90E-08	1.90E-08	1.90E-08	1.27E-08	5.54E-09	1.17E-07
1684	561105	4192079	2.49E-08	3.13E-08	2.46E-08	2.46E-08	2.46E-08	1.82E-08	1.10E-08	1.59E-07	1.78E-08	2.44E-08	1.91E-08	1.91E-08	1.91E-08	1.27E-08	5.56E-09	1.18E-07
1685	561095.5	4192077	2.49E-08	3.13E-08	2.46E-													

1726	561371.9	4192204	1.01E-08	1.27E-08	1.00E-08	1.00E-08	1.00E-08	7.41E-09	4.49E-09	6.48E-08	7.25E-09	9.93E-09	7.75E-09	7.77E-09	7.75E-09	5.17E-09	2.26E-09	4.79E-08
1727	561373.2	4192213	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.62E-09	4.62E-09	6.66E-08	7.44E-09	1.02E-08	7.97E-09	7.99E-09	7.97E-09	5.31E-09	2.33E-09	4.92E-08
1728	561374.5	4192222	1.07E-08	1.34E-08	1.05E-08	1.06E-08	1.05E-08	7.81E-09	4.73E-09	6.82E-08	7.63E-09	1.05E-08	8.16E-09	8.19E-09	8.16E-09	5.44E-09	2.38E-09	5.04E-08
1729	561375.8	4192232	1.09E-08	1.37E-08	1.08E-08	1.08E-08	1.08E-08	7.97E-09	4.83E-09	6.97E-08	7.79E-09	1.07E-08	8.34E-09	8.36E-09	8.34E-09	5.56E-09	2.43E-09	5.15E-08
1730	561377	4192241	1.11E-08	1.39E-08	1.09E-08	1.10E-08	1.09E-08	8.12E-09	4.92E-09	7.09E-08	7.93E-09	1.09E-08	8.49E-09	8.51E-09	8.49E-09	5.66E-09	2.48E-09	5.24E-08
1731	561378.3	4192250	1.13E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	8.23E-09	4.99E-09	7.20E-08	8.05E-09	1.10E-08	8.61E-09	8.63E-09	8.61E-09	5.74E-09	2.51E-09	5.32E-08
1732	561379.6	4192260	1.14E-08	1.43E-08	1.12E-08	1.13E-08	1.12E-08	8.33E-09	5.05E-09	7.28E-08	8.13E-09	1.11E-08	8.70E-09	8.73E-09	8.70E-09	5.80E-09	2.54E-09	5.38E-08
1733	561380.9	4192269	1.15E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	8.39E-09	5.09E-09	7.33E-08	8.20E-09	1.12E-08	8.78E-09	8.80E-09	8.78E-09	5.85E-09	2.56E-09	5.42E-08
1734	561382.2	4192278	1.15E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	8.44E-09	5.12E-09	7.38E-08	8.25E-09	1.13E-08	8.82E-09	8.85E-09	8.82E-09	5.88E-09	2.58E-09	5.45E-08
1735	561383.5	4192288	1.16E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	8.47E-09	5.13E-09	7.40E-08	8.27E-09	1.13E-08	8.85E-09	8.88E-09	8.85E-09	5.90E-09	2.58E-09	5.47E-08
1736	561262.3	4192097	1.30E-08	1.63E-08	1.28E-08	1.29E-08	1.28E-08	9.51E-09	5.76E-09	8.31E-08	9.29E-09	1.27E-08	9.94E-09	9.97E-09	9.94E-09	6.63E-09	2.90E-09	6.14E-08
1737	561252.8	4192095	1.37E-08	1.72E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.08E-09	8.77E-08	9.80E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	6.99E-09	3.06E-09	6.48E-08
1738	561243.3	4192093	1.44E-08	1.82E-08	1.42E-08	1.43E-08	1.42E-08	1.06E-08	6.41E-09	9.24E-08	1.03E-08	1.41E-08	1.10E-08	1.11E-08	1.10E-08	7.37E-09	3.23E-09	6.82E-08
1739	561233.7	4192090	1.52E-08	1.91E-08	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.73E-09	9.71E-08	1.09E-08	1.49E-08	1.16E-08	1.16E-08	1.16E-08	7.74E-09	3.39E-09	7.17E-08
1740	561224.2	4192088	1.59E-08	2.00E-08	1.57E-08	1.58E-08	1.57E-08	1.16E-08	7.06E-09	1.02E-07	1.14E-08	1.56E-08	1.22E-08	1.22E-08	1.22E-08	8.12E-09	3.56E-09	7.52E-08
1741	561214.7	4192086	1.66E-08	2.09E-08	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.39E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.28E-08	1.27E-08	8.49E-09	3.72E-09	7.87E-08
1742	561205.1	4192083	1.74E-08	2.18E-08	1.71E-08	1.72E-08	1.71E-08	1.27E-08	7.70E-09	1.11E-07	1.24E-08	1.70E-08	1.33E-08	1.33E-08	1.33E-08	8.86E-09	3.88E-09	8.21E-08
1743	561195.6	4192081	1.81E-08	2.27E-08	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.01E-09	1.15E-07	1.29E-08	1.77E-08	1.38E-08	1.39E-08	1.38E-08	9.21E-09	4.03E-09	8.53E-08
1744	561186.1	4192079	1.87E-08	2.35E-08	1.85E-08	1.85E-08	1.85E-08	1.37E-08	8.30E-09	1.20E-07	1.34E-08	1.83E-08	1.43E-08	1.44E-08	1.43E-08	9.55E-09	4.18E-09	8.85E-08
1745	561167	4192074	1.99E-08	2.50E-08	1.97E-08	1.97E-08	1.97E-08	1.46E-08	8.83E-09	1.27E-07	1.42E-08	1.95E-08	1.52E-08	1.53E-08	1.52E-08	1.02E-08	4.45E-09	9.41E-08
1746	561157.5	4192072	2.04E-08	2.57E-08	2.02E-08	2.02E-08	2.02E-08	1.50E-08	9.06E-09	1.31E-07	1.46E-08	2.00E-08	1.56E-08	1.57E-08	1.56E-08	1.04E-08	4.56E-09	9.66E-08
1747	561147.9	4192069	2.09E-08	2.63E-08	2.06E-08	2.07E-08	2.06E-08	1.53E-08	9.26E-09	1.34E-07	1.49E-08	2.05E-08	1.60E-08	1.60E-08	1.60E-08	1.07E-08	4.66E-09	9.87E-08
1748	561138.4	4192067	2.13E-08	2.67E-08	2.10E-08	2.10E-08	2.10E-08	1.56E-08	9.43E-09	1.36E-07	1.52E-08	2.08E-08	1.63E-08	1.63E-08	1.63E-08	1.08E-08	4.75E-09	1.00E-07
1749	561128.9	4192065	2.16E-08	2.71E-08	2.13E-08	2.13E-08	2.13E-08	1.58E-08	9.56E-09	1.38E-07	1.54E-08	2.11E-08	1.65E-08	1.65E-08	1.65E-08	1.10E-08	4.81E-09	1.02E-07
1750	561119.3	4192062	2.18E-08	2.74E-08	2.15E-08	2.15E-08	2.15E-08	1.59E-08	9.66E-09	1.39E-07	1.56E-08	2.13E-08	1.67E-08	1.67E-08	1.67E-08	1.11E-08	4.86E-09	1.03E-07
1751	561109.8	4192060	2.19E-08	2.75E-08	2.16E-08	2.17E-08	2.16E-08	1.60E-08	9.72E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.89E-09	1.03E-07
1752	561100.3	4192058	2.20E-08	2.76E-08	2.17E-08	2.17E-08	2.17E-08	1.61E-08	9.74E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.90E-09	1.04E-07
1753	561090.7	4192055	2.19E-08	2.76E-08	2.16E-08	2.17E-08	2.16E-08	1.60E-08	9.73E-09	1.40E-07	1.57E-08	2.15E-08	1.68E-08	1.68E-08	1.68E-08	1.12E-08	4.90E-09	1.04E-07
1754	561294.5	4192110	1.10E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	8.01E-09	4.86E-09	7.00E-08	7.83E-09	1.07E-08	8.38E-09	8.40E-09	8.38E-09	5.59E-09	2.45E-09	5.18E-08
1755	561302	4192115	1.06E-08	1.34E-08	1.05E-08	1.05E-08	1.05E-08	7.78E-09	4.71E-09	6.80E-08	7.60E-09	1.04E-08	8.13E-09	8.16E-09	8.13E-09	5.42E-09	2.37E-09	5.02E-08
1756	561309.5	4192121	1.03E-08	1.30E-08	1.02E-08	1.02E-08	1.02E-08	7.56E-09	4.58E-09	6.60E-08	7.38E-09	1.01E-08	7.90E-09	7.92E-09	7.90E-09	5.27E-09	2.31E-09	4.88E-08
1757	561316.9	4192126	1.00E-08	1.26E-08	9.91E-09	9.94E-09	9.91E-09	7.35E-09	4.46E-09	6.42E-08	7.18E-09	9.84E-09	7.69E-09	7.71E-09	7.69E-09	5.12E-09	2.24E-09	4.75E-08
1758	561324.4	4192132	9.79E-09	1.23E-08	9.66E-09	9.69E-09	9.66E-09	7.16E-09	4.34E-09	6.26E-08	7.00E-09	9.59E-09	7.49E-09	7.51E-09	7.49E-09	4.99E-09	2.19E-09	4.63E-08
1759	561331.9	4192137	9.56E-09	1.20E-08	9.44E-09	9.47E-09	9.44E-09	7.00E-09	4.24E-09	6.12E-08	6.84E-09	9.37E-09	7.32E-09	7.34E-09	7.32E-09	4.88E-09	2.14E-09	4.52E-08
1760	561377.9	4192180	8.97E-09	1.13E-08	8.85E-09	8.88E-09	8.85E-09	6.56E-09	3.98E-09	5.74E-08	6.41E-09	8.79E-09	6.86E-09	6.88E-09	6.86E-09	4.58E-09	2.00E-09	4.24E-08
1761	561379.2	4192189	9.25E-09	1.16E-08	9.12E-09	9.15E-09	9.12E-09	6.77E-09	4.10E-09	5.91E-08	6.61E-09	9.06E-09	7.08E-09	7.10E-09	7.08E-09	4.72E-09	2.07E-09	4.37E-08
1762	561380.4	4192198	9.52E-09	1.20E-08	9.39E-09	9.42E-09	9.39E-09	6.97E-09	4.22E-09	6.09E-08	6.81E-09	9.33E-09	7.28E-09	7.30E-09	7.28E-09	4.86E-09	2.13E-09	4.50E-08
1763	561381.7	4192207	9.78E-09	1.23E-08	9.65E-09	9.68E-09	9.65E-09	7.16E-09	4.34E-09	6.26E-08	6.99E-09	9.58E-09	7.48E-09	7.50E-09	7.48E-09	4.99E-09	2.18E-09	4.62E-08
1764	561383	4192217	1.00E-08	1.26E-08	9.89E-09	9.92E-09	9.89E-09	7.34E-09	4.45E-09	6.41E-08	7.17E-09	9.82E-09	7.67E-09	7.69E-09	7.67E-09	5.11E-09	2.24E-09	4.74E-08
1765	561384.3	4192226	1.02E-08	1.29E-08	1.01E-08	1.01E-08	1.01E-08	7.50E-09	4.54E-09	6.55E-08	7.33E-09	1.00E-08	7.84E-09	7.86E-09	7.84E-09	5.23E-09	2.29E-09	4.84E-08
1766	561385.5	4192235	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.64E-09	4.63E-09	6.68E-08	7.46E-09	1.02E-08	7.99E-09	8.01E-09	7.99E-09	5.33E-09	2.33E-09	4.93E-08
1767	561386.8	4192244	1.06E-08	1.33E-08	1.05E-08	1.05E-08	1.05E-08	7.76E-09	4.70E-09	6.78E-08	7.58E-09	1.04E-08	8.11E-09	8.13E-09	8.11E-09	5.41E-09	2.37E-09	5.01E-08
1768	561388.1	4192254	1.07E-08	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.85E-09	4.76E-09	6.86E-08	7.67E-09	1.05E-08	8.21E-09	8.23E-09	8.21E-09	5.47E-09	2.40E-09	5.07E-08
1769	561389.4	4192263	1.08E-08	1.36E-08	1.07E-08	1.07E-08	1.07E-08	7.93E-09	4.80E-09	6.93E-08	7.74E-09	1.06E-08	8.29E-09	8.31E-09	8.29E-09	5.53E-09	2.42E-09	5.12E-08
1770	561390.6	4192272	1.09E-08	1.37E-08	1.08E-08	1.08E-08	1.08E-08	7.98E-09	4.84E-09	6.97E-08	7.80E-09	1.07E-08	8.34E-09	8.37E-09	8.34E-09	5.56E-09	2.44E-09	5.15E-08
1771	561391.9	4192281	1.09E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	8.01E-09	4.86E-09	7.00E-08	7.83E-09	1.07E-08	8.38E-09	8.40E-09	8.38E-09	5.59E-09	2.45E-09	5.18E-08
1772	561393.2	4192290	1.10E-08	1.38E-08	1.08E-08	1.09E-08	1.08E-08	8.03E-09	4.87E-09	7.02E-08	7.85E-09	1.08E-08	8.40E-09	8.42E-09	8.40E-09	5.60E-09	2.45E-09	5.19E-08
1773	561264.7	4192088	1.23E-08	1.55E-08	1.22E-08	1.22E-08	1.22E-08	9.02E-09	5.47E-09	7.88E-08	8.82E-09	1.21E-08	9.43E-09	9.46E-09	9.43E-09	6.29E-09	2.75E-09	5.83E-08
1774	561255.2	4192085	1.30E-08	1.63E-08	1.28E-08	1.29E-08	1.28E-08	9.51E-09	5.76E-09	8.31E-08	9.29E-09	1.27E-08	9.94E-09	9.97E-09	9.94E-09	6.63E-09	2.90E-09	6.14E-08
1775	561245.6	4192083	1.37E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.06E-09	8.74E-08	9.77E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	6.97E-09	3.05E-09	6.46E-08
1776	561236.1	4192081	1.43E-08	1.80E-08	1.													

1817	561219.4	4192066	1.48E-08	1.87E-08	1.46E-08	1.47E-08	1.46E-08	1.09E-08	6.58E-09	9.49E-08	1.06E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	7.57E-09	3.31E-09	7.01E-08
1818	561209.9	4192064	1.54E-08	1.94E-08	1.52E-08	1.53E-08	1.52E-08	1.13E-08	6.85E-09	9.88E-08	1.10E-08	1.51E-08	1.18E-08	1.19E-08	1.18E-08	7.88E-09	3.45E-09	7.30E-08
1819	561200.4	4192062	1.60E-08	2.02E-08	1.58E-08	1.59E-08	1.58E-08	1.17E-08	7.11E-09	1.03E-07	1.15E-08	1.57E-08	1.23E-08	1.23E-08	1.23E-08	8.18E-09	3.58E-09	7.58E-08
1820	561190.8	4192059	1.66E-08	2.09E-08	1.64E-08	1.64E-08	1.64E-08	1.21E-08	7.36E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.27E-08	1.27E-08	8.47E-09	3.71E-09	7.85E-08
1821	561171.8	4192055	1.76E-08	2.22E-08	1.74E-08	1.74E-08	1.74E-08	1.29E-08	7.82E-09	1.13E-07	1.26E-08	1.73E-08	1.35E-08	1.35E-08	1.35E-08	8.99E-09	3.94E-09	8.33E-08
1822	561162.2	4192052	1.81E-08	2.27E-08	1.78E-08	1.79E-08	1.78E-08	1.32E-08	8.02E-09	1.16E-07	1.29E-08	1.77E-08	1.38E-08	1.39E-08	1.38E-08	9.22E-09	4.04E-09	8.54E-08
1823	561152.7	4192050	1.85E-08	2.32E-08	1.82E-08	1.83E-08	1.82E-08	1.35E-08	8.19E-09	1.18E-07	1.32E-08	1.81E-08	1.41E-08	1.42E-08	1.41E-08	9.42E-09	4.12E-09	8.72E-08
1824	561143.2	4192048	1.88E-08	2.36E-08	1.85E-08	1.86E-08	1.85E-08	1.37E-08	8.33E-09	1.20E-07	1.34E-08	1.84E-08	1.44E-08	1.44E-08	1.44E-08	9.59E-09	4.20E-09	8.88E-08
1825	561133.6	4192045	1.91E-08	2.40E-08	1.88E-08	1.89E-08	1.88E-08	1.39E-08	8.46E-09	1.22E-07	1.36E-08	1.87E-08	1.46E-08	1.46E-08	1.46E-08	9.72E-09	4.26E-09	9.01E-08
1826	561124.1	4192043	1.93E-08	2.42E-08	1.90E-08	1.91E-08	1.90E-08	1.41E-08	8.55E-09	1.23E-07	1.38E-08	1.89E-08	1.47E-08	1.48E-08	1.47E-08	9.83E-09	4.30E-09	9.11E-08
1827	561114.6	4192040	1.94E-08	2.44E-08	1.92E-08	1.92E-08	1.92E-08	1.42E-08	8.61E-09	1.24E-07	1.39E-08	1.90E-08	1.49E-08	1.49E-08	1.49E-08	9.90E-09	4.34E-09	9.17E-08
1828	561105	4192038	1.95E-08	2.45E-08	1.92E-08	1.93E-08	1.92E-08	1.43E-08	8.65E-09	1.25E-07	1.39E-08	1.91E-08	1.49E-08	1.50E-08	1.49E-08	9.95E-09	4.36E-09	9.22E-08
1829	561095.5	4192036	1.95E-08	2.46E-08	1.93E-08	1.93E-08	1.93E-08	1.43E-08	8.66E-09	1.25E-07	1.40E-08	1.91E-08	1.49E-08	1.50E-08	1.49E-08	9.96E-09	4.36E-09	9.23E-08
1830	561300.6	4192091	9.90E-09	1.25E-09	1.97E-09	9.80E-09	9.77E-09	7.25E-09	4.39E-09	6.34E-08	7.08E-09	9.70E-09	7.58E-09	7.60E-09	7.58E-09	5.05E-09	2.21E-09	4.68E-08
1831	561308.3	4192097	9.60E-09	1.21E-08	9.48E-09	9.50E-09	9.48E-09	7.03E-09	4.26E-09	6.14E-08	6.87E-09	9.41E-09	7.35E-09	7.37E-09	7.35E-09	4.90E-09	2.15E-09	4.54E-08
1832	561316.1	4192103	9.32E-09	1.17E-08	9.20E-09	9.23E-09	9.20E-09	6.82E-09	4.14E-09	5.96E-08	6.67E-09	9.13E-09	7.13E-09	7.15E-09	7.13E-09	4.76E-09	2.08E-09	4.41E-08
1833	561323.9	4192109	9.06E-09	1.14E-08	8.94E-09	8.97E-09	8.94E-09	6.63E-09	4.02E-09	5.80E-08	6.48E-09	8.88E-09	6.93E-09	6.95E-09	6.93E-09	4.62E-09	2.02E-09	4.28E-08
1834	561331.6	4192114	8.82E-09	1.11E-08	8.71E-09	8.73E-09	8.71E-09	6.46E-09	3.92E-09	5.64E-08	6.31E-09	8.65E-09	6.75E-09	6.77E-09	6.75E-09	4.50E-09	1.97E-09	4.17E-08
1835	561339.4	4192120	8.61E-09	1.08E-08	8.50E-09	8.52E-09	8.50E-09	6.30E-09	3.82E-09	5.51E-08	6.16E-09	8.44E-09	6.59E-09	6.61E-09	6.59E-09	4.39E-09	1.92E-09	4.07E-08
1836	561347.2	4192126	8.43E-09	1.06E-08	8.32E-09	8.34E-09	8.32E-09	6.17E-09	3.74E-09	5.39E-08	6.03E-09	8.26E-09	6.45E-09	6.47E-09	6.45E-09	4.30E-09	1.88E-09	3.98E-08
1837	561355	4192132	8.27E-09	1.04E-08	8.16E-09	8.18E-09	8.16E-09	6.05E-09	3.67E-09	5.29E-08	5.91E-09	8.10E-09	6.33E-09	6.35E-09	6.33E-09	4.22E-09	1.85E-09	3.91E-08
1838	561362.7	4192137	8.13E-09	1.02E-08	8.03E-09	8.05E-09	8.03E-09	5.95E-09	3.61E-09	5.20E-08	5.82E-09	7.97E-09	6.22E-09	6.24E-09	6.22E-09	4.15E-09	1.82E-09	3.84E-08
1839	561378.3	4192149	7.92E-09	9.95E-09	7.81E-09	7.83E-09	7.81E-09	5.79E-09	3.51E-09	5.06E-08	5.66E-09	7.76E-09	6.06E-09	6.07E-09	6.06E-09	4.04E-09	1.77E-09	3.74E-08
1840	561396.5	4192180	8.25E-09	1.04E-08	8.14E-09	8.16E-09	8.14E-09	6.04E-09	3.66E-09	5.28E-08	5.90E-09	8.08E-09	6.31E-09	6.33E-09	6.31E-09	4.21E-09	1.84E-09	3.90E-08
1841	561397.8	4192189	8.50E-09	1.07E-08	8.39E-09	8.41E-09	8.39E-09	6.22E-09	3.77E-09	5.44E-08	6.08E-09	8.33E-09	6.50E-09	6.52E-09	6.50E-09	4.34E-09	1.90E-09	4.02E-08
1842	561399.1	4192199	8.74E-09	1.10E-08	8.63E-09	8.65E-09	8.63E-09	6.40E-09	3.88E-09	5.59E-08	6.25E-09	8.56E-09	6.69E-09	6.71E-09	6.69E-09	4.46E-09	1.95E-09	4.13E-08
1843	561400.5	4192208	8.97E-09	1.13E-08	8.85E-09	8.88E-09	8.85E-09	6.56E-09	3.98E-09	5.74E-08	6.41E-09	8.79E-09	6.86E-09	6.88E-09	6.86E-09	4.58E-09	2.00E-09	4.24E-08
1844	561401.8	4192218	9.18E-09	1.15E-08	9.06E-09	9.08E-09	9.06E-09	6.72E-09	4.07E-09	5.87E-08	6.56E-09	8.99E-09	7.02E-09	7.04E-09	7.02E-09	4.68E-09	2.05E-09	4.34E-08
1845	561404.4	4192237	9.52E-09	1.20E-08	9.40E-09	9.43E-09	9.40E-09	6.97E-09	4.23E-09	6.09E-08	6.81E-09	9.33E-09	7.29E-09	7.31E-09	7.29E-09	4.86E-09	2.13E-09	4.50E-08
1846	561405.8	4192247	9.66E-09	1.21E-08	9.53E-09	9.56E-09	9.53E-09	7.07E-09	4.28E-09	6.18E-08	6.90E-09	9.46E-09	7.39E-09	7.41E-09	7.39E-09	4.93E-09	2.16E-09	4.56E-08
1847	561407.1	4192256	9.76E-09	1.23E-08	9.63E-09	9.66E-09	9.63E-09	7.14E-09	4.33E-09	6.24E-08	6.98E-09	9.56E-09	7.47E-09	7.49E-09	7.47E-09	4.98E-09	2.18E-09	4.61E-08
1848	561408.4	4192266	9.83E-09	1.24E-08	9.70E-09	9.73E-09	9.70E-09	7.20E-09	4.36E-09	6.29E-08	7.03E-09	9.64E-09	7.53E-09	7.55E-09	7.53E-09	5.02E-09	2.20E-09	4.65E-08
1849	561409.7	4192276	9.88E-09	1.24E-08	9.76E-09	9.78E-09	9.76E-09	7.23E-09	4.39E-09	6.32E-08	7.07E-09	9.69E-09	7.56E-09	7.59E-09	7.56E-09	5.04E-09	2.21E-09	4.67E-08
1850	561411.1	4192285	9.92E-09	1.25E-08	9.79E-09	9.81E-09	9.79E-09	7.26E-09	4.40E-09	6.34E-08	7.09E-09	9.72E-09	7.59E-09	7.61E-09	7.59E-09	5.06E-09	2.21E-09	4.69E-08
1851	561412.4	4192295	9.93E-09	1.25E-08	9.80E-09	9.83E-09	9.80E-09	7.27E-09	4.41E-09	6.35E-08	7.10E-09	9.73E-09	7.60E-09	7.62E-09	7.60E-09	5.07E-09	2.22E-09	4.69E-08
1852	561269.5	4192068	1.12E-08	1.40E-08	1.10E-08	1.11E-08	1.10E-08	8.17E-09	4.95E-09	7.14E-08	7.99E-09	1.09E-08	8.55E-09	8.57E-09	8.55E-09	5.70E-09	2.49E-09	5.28E-08
1853	561259.9	4192066	1.17E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	8.59E-09	5.21E-09	7.51E-08	8.39E-09	1.15E-08	8.98E-09	9.01E-09	8.98E-09	5.99E-09	2.62E-09	5.55E-08
1854	561250.4	4192064	1.23E-08	1.55E-08	1.22E-08	1.22E-08	1.22E-08	9.01E-09	5.46E-09	7.88E-08	8.81E-09	1.21E-08	9.42E-09	9.45E-09	9.42E-09	6.28E-09	2.75E-09	5.82E-08
1855	561240.9	4192061	1.29E-08	1.62E-08	1.27E-08	1.28E-08	1.27E-08	9.44E-09	5.72E-09	8.25E-08	9.22E-09	1.26E-08	9.87E-09	9.90E-09	9.87E-09	6.58E-09	2.88E-09	6.10E-08
1856	561231.3	4192059	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.86E-09	5.98E-09	8.62E-08	9.64E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.88E-09	3.01E-09	6.37E-08
1857	561221.8	4192057	1.41E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.24E-09	8.99E-08	1.00E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.17E-09	3.14E-09	6.64E-08
1858	561212.3	4192054	1.46E-08	1.84E-08	1.44E-08	1.45E-08	1.44E-08	1.07E-08	6.49E-09	9.35E-08	1.05E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	7.46E-09	3.27E-09	6.91E-08
1859	561202.7	4192052	1.52E-08	1.91E-08	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.73E-09	9.70E-08	1.08E-08	1.49E-08	1.16E-08	1.16E-08	1.16E-08	7.74E-09	3.39E-09	7.17E-08
1860	561193.2	4192050	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	1.00E-07	1.12E-08	1.54E-08	1.20E-08	1.20E-08	1.20E-08	8.00E-09	3.50E-09	7.41E-08
1861	561174.2	4192045	1.66E-08	2.09E-08	1.64E-08	1.65E-08	1.64E-08	1.22E-08	7.38E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.28E-08	1.27E-08	8.49E-09	3.72E-09	7.86E-08
1862	561164.6	4192042	1.70E-08	2.14E-08	1.68E-08	1.69E-08	1.68E-08	1.25E-08	7.56E-09	1.09E-07	1.22E-08	1.67E-08	1.30E-08	1.31E-08	1.30E-08	8.70E-09	3.81E-09	8.06E-08
1863	561155.1	4192040	1.74E-08	2.19E-08	1.72E-08	1.72E-08	1.72E-08	1.27E-08	7.73E-09	1.11E-07	1.25E-08	1.71E-08	1.33E-08	1.34E-08	1.33E-08	8.88E-09	3.89E-09	8.23E-08
1864	561145.6	4192038	1.77E-08	2.23E-08	1.75E-08	1.75E-08	1.75E-08	1.30E-08	7.86E-09	1.13E-07	1.27E-08	1.74E-08	1.36E-08	1.36E-08	1.36E-08	9.04E-09	3.96E-09	8.37E-08
1865	561136	4192035	1.80E-08	2.26E-08	1.77E-08	1.78E-08	1.77E-08	1.32E-08	7.98E-09	1.15E-07	1.29E-08	1.76E-08	1.38E-08	1.38E-08	1.38E-08	9.17E-09	4.02E-09	8.50E-08
1866	561126.5	4192033	1.82E-08	2.29E-08	1.79E-08	1.80E-08	1.79E-08	1.33E-08	8.07E-09	1.16E-07	1.30E-08	1.78E-08	1.39E-08	1.40E-08	1.39E-08	9.28E-09	4.06E-09	8.59E-08
1867	561117	4192031	1.83E-08	2.31E-08	1.													

1908	561304.6	4192071	9.09E-09	1.14E-08	8.97E-09	9.00E-09	8.97E-09	6.65E-09	4.03E-09	5.82E-08	6.50E-09	8.91E-09	6.96E-09	6.98E-09	6.96E-09	4.64E-09	2.03E-09	4.30E-08
1909	561312.2	4192077	8.83E-09	1.11E-08	8.71E-09	8.74E-09	8.71E-09	6.46E-09	3.92E-09	5.65E-08	6.31E-09	8.65E-09	6.75E-09	6.77E-09	6.75E-09	4.50E-09	1.97E-09	4.17E-08
1910	561319.8	4192083	8.57E-09	1.08E-08	8.46E-09	8.48E-09	8.46E-09	6.27E-09	3.80E-09	5.48E-08	6.13E-09	8.40E-09	6.56E-09	6.58E-09	6.56E-09	4.37E-09	1.92E-09	4.05E-08
1911	561327.4	4192088	8.34E-09	1.05E-08	8.23E-09	8.25E-09	8.23E-09	6.10E-09	3.70E-09	5.33E-08	5.96E-09	8.17E-09	6.38E-09	6.40E-09	6.38E-09	4.25E-09	1.86E-09	3.94E-08
1912	561335	4192094	8.12E-09	1.02E-08	8.01E-09	8.03E-09	8.01E-09	5.94E-09	3.60E-09	5.19E-08	5.80E-09	7.95E-09	6.21E-09	6.23E-09	6.21E-09	4.14E-09	1.81E-09	3.84E-08
1913	561342.6	4192100	7.92E-09	9.95E-09	7.81E-09	7.83E-09	7.81E-09	5.79E-09	3.51E-09	5.06E-08	5.66E-09	7.76E-09	6.06E-09	6.07E-09	6.06E-09	4.04E-09	1.77E-09	3.74E-08
1914	561350.2	4192105	7.74E-09	9.73E-09	7.64E-09	7.66E-09	7.64E-09	5.66E-09	3.43E-09	4.95E-08	5.53E-09	7.58E-09	5.92E-09	5.94E-09	5.92E-09	3.95E-09	1.73E-09	3.66E-08
1915	561357.8	4192111	7.58E-09	9.53E-09	7.48E-09	7.50E-09	7.48E-09	5.55E-09	3.36E-09	4.85E-08	5.42E-09	7.43E-09	5.80E-09	5.82E-09	5.80E-09	3.87E-09	1.69E-09	3.58E-08
1916	561365.4	4192116	7.44E-09	9.36E-09	7.35E-09	7.37E-09	7.35E-09	5.45E-09	3.30E-09	4.76E-08	5.32E-09	7.29E-09	5.70E-09	5.71E-09	5.70E-09	3.80E-09	1.66E-09	3.52E-08
1917	561388.2	4192133	7.14E-09	8.99E-09	7.05E-09	7.07E-09	7.05E-09	5.23E-09	3.17E-09	4.57E-08	5.11E-09	7.00E-09	5.47E-09	5.48E-09	5.47E-09	3.65E-09	1.60E-09	3.38E-08
1918	561395.8	4192139	7.07E-09	8.89E-09	6.98E-09	7.00E-09	6.98E-09	5.18E-09	3.14E-09	4.52E-08	5.06E-09	6.93E-09	5.41E-09	5.43E-09	5.41E-09	3.61E-09	1.58E-09	3.34E-08
1919	561403.4	4192145	7.01E-09	8.81E-09	6.91E-09	6.93E-09	6.91E-09	5.13E-09	3.11E-09	4.48E-08	5.01E-09	6.86E-09	5.36E-09	5.38E-09	5.36E-09	3.57E-09	1.56E-09	3.31E-08
1920	561412.3	4192160	7.16E-09	9.01E-09	7.07E-09	7.09E-09	7.07E-09	5.24E-09	3.18E-09	4.58E-08	5.12E-09	7.02E-09	5.48E-09	5.50E-09	5.48E-09	3.65E-09	1.60E-09	3.38E-08
1921	561414.9	4192178	7.60E-09	9.56E-09	7.50E-09	7.52E-09	7.50E-09	5.56E-09	3.37E-09	4.86E-08	5.43E-09	7.45E-09	5.81E-09	5.83E-09	5.81E-09	3.88E-09	1.70E-09	3.59E-08
1922	561416.2	4192188	7.81E-09	9.83E-09	7.71E-09	7.73E-09	7.71E-09	5.72E-09	3.47E-09	5.00E-08	5.59E-09	7.66E-09	5.98E-09	6.00E-09	5.98E-09	3.99E-09	1.75E-09	3.69E-08
1923	561424	4192244	8.80E-09	1.11E-08	8.88E-09	8.71E-09	8.68E-09	6.44E-09	3.90E-09	5.63E-08	6.29E-09	8.62E-09	6.73E-09	6.75E-09	6.73E-09	4.49E-09	1.97E-09	4.16E-08
1924	561425.3	4192253	8.89E-09	1.12E-08	8.77E-09	8.80E-09	8.77E-09	6.51E-09	3.94E-09	5.69E-08	6.36E-09	8.71E-09	6.80E-09	6.82E-09	6.80E-09	4.54E-09	1.99E-09	4.20E-08
1925	561426.6	4192263	8.96E-09	1.13E-08	8.84E-09	8.86E-09	8.84E-09	6.55E-09	3.97E-09	5.73E-08	6.40E-09	8.78E-09	6.85E-09	6.87E-09	6.85E-09	4.57E-09	2.00E-09	4.23E-08
1926	561274.2	4192049	1.02E-08	1.28E-08	1.01E-08	1.01E-08	1.01E-08	7.46E-09	4.52E-09	6.52E-08	7.29E-09	9.99E-09	7.80E-09	7.82E-09	7.80E-09	5.20E-09	2.28E-09	4.82E-08
1927	561264.7	4192046	1.07E-08	1.34E-08	1.05E-08	1.06E-08	1.05E-08	7.82E-09	4.74E-09	6.83E-08	7.64E-09	1.05E-08	8.18E-09	8.20E-09	8.18E-09	5.45E-09	2.39E-09	5.05E-08
1928	561255.2	4192044	1.12E-08	1.41E-08	1.10E-08	1.11E-08	1.10E-08	8.19E-09	4.96E-09	7.15E-08	8.00E-09	1.10E-08	8.56E-09	8.58E-09	8.56E-09	5.71E-09	2.50E-09	5.29E-08
1929	561245.6	4192042	1.17E-08	1.47E-08	1.15E-08	1.16E-08	1.15E-08	8.55E-09	5.19E-09	7.48E-08	8.36E-09	1.15E-08	8.94E-09	8.97E-09	8.94E-09	5.96E-09	2.61E-09	5.52E-08
1930	561236.1	4192039	1.22E-08	1.53E-08	1.20E-08	1.21E-08	1.20E-08	8.92E-09	5.41E-09	7.80E-08	8.72E-09	1.19E-08	9.33E-09	9.35E-09	9.33E-09	6.22E-09	2.72E-09	5.76E-08
1931	561226.6	4192037	1.27E-08	1.60E-08	1.25E-08	1.26E-08	1.25E-08	9.28E-09	5.63E-09	8.11E-08	9.07E-09	1.24E-08	9.71E-09	9.73E-09	9.71E-09	6.47E-09	2.83E-09	6.00E-08
1932	561217	4192035	1.32E-08	1.66E-08	1.30E-08	1.30E-08	1.30E-08	9.64E-09	5.84E-09	8.42E-08	9.42E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.72E-09	2.94E-09	6.23E-08
1933	561207.5	4192032	1.36E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	9.98E-09	6.05E-09	8.73E-08	9.76E-09	1.34E-08	1.04E-08	1.05E-08	1.04E-08	6.96E-09	3.05E-09	6.45E-08
1934	561198	4192030	1.41E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.25E-09	9.01E-08	1.01E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.19E-09	3.15E-09	6.66E-08
1935	561178.9	4192025	1.49E-08	1.88E-08	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.62E-09	9.54E-08	1.07E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.61E-09	3.33E-09	7.05E-08
1936	561169.4	4192023	1.53E-08	1.92E-08	1.51E-08	1.51E-08	1.51E-08	1.12E-08	6.78E-09	9.77E-08	1.09E-08	1.50E-08	1.17E-08	1.17E-08	1.17E-08	7.79E-09	3.41E-09	7.22E-08
1937	561159.9	4192021	1.56E-08	1.96E-08	1.54E-08	1.54E-08	1.54E-08	1.14E-08	6.92E-09	9.98E-08	1.12E-08	1.53E-08	1.19E-08	1.20E-08	1.19E-08	7.96E-09	3.48E-09	7.37E-08
1938	561150.3	4192018	1.59E-08	2.00E-08	1.57E-08	1.57E-08	1.57E-08	1.16E-08	7.04E-09	1.02E-07	1.13E-08	1.56E-08	1.21E-08	1.22E-08	1.21E-08	8.10E-09	3.55E-09	7.50E-08
1939	561140.8	4192016	1.61E-08	2.03E-08	1.59E-08	1.59E-08	1.59E-08	1.18E-08	7.15E-09	1.03E-07	1.15E-08	1.58E-08	1.23E-08	1.24E-08	1.23E-08	8.22E-09	3.60E-09	7.61E-08
1940	561131.3	4192014	1.63E-08	2.05E-08	1.61E-08	1.61E-08	1.61E-08	1.19E-08	7.23E-09	1.04E-07	1.17E-08	1.60E-08	1.25E-08	1.25E-08	1.25E-08	8.32E-09	3.64E-09	7.70E-08
1941	561121.7	4192011	1.64E-08	2.07E-08	1.62E-08	1.63E-08	1.62E-08	1.20E-08	7.30E-09	1.05E-07	1.18E-08	1.61E-08	1.26E-08	1.26E-08	1.26E-08	8.39E-09	3.67E-09	7.77E-08
1942	561112.2	4192009	1.66E-08	2.08E-08	1.63E-08	1.64E-08	1.63E-08	1.21E-08	7.34E-09	1.06E-07	1.18E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	8.45E-09	3.70E-09	7.82E-08
1943	561102.7	4192007	1.66E-08	2.09E-08	1.64E-08	1.64E-08	1.64E-08	1.22E-08	7.37E-09	1.06E-07	1.19E-08	1.63E-08	1.27E-08	1.28E-08	1.27E-08	8.48E-09	3.71E-09	7.85E-08
1944	561106.7	4192061	8.73E-09	1.10E-08	8.62E-09	8.64E-09	8.62E-09	6.39E-09	3.87E-09	5.58E-08	6.24E-09	8.55E-09	6.68E-09	6.70E-09	6.68E-09	4.45E-09	1.95E-09	4.13E-08
1945	561314.3	4192067	8.48E-09	1.07E-08	8.37E-09	8.39E-09	8.37E-09	6.21E-09	3.76E-09	5.42E-08	6.06E-09	8.31E-09	6.49E-09	6.51E-09	6.49E-09	4.33E-09	1.89E-09	4.01E-08
1946	561312.8	4192073	8.24E-09	1.04E-08	8.13E-09	8.15E-09	8.13E-09	6.03E-09	3.66E-09	5.27E-08	5.89E-09	8.07E-09	6.30E-09	6.32E-09	6.30E-09	4.20E-09	1.84E-09	3.89E-08
1947	561329.3	4192078	8.01E-09	1.01E-08	7.91E-09	7.93E-09	7.91E-09	5.86E-09	3.55E-09	5.12E-08	5.73E-09	7.85E-09	6.13E-09	6.15E-09	6.13E-09	4.09E-09	1.79E-09	3.79E-08
1948	561336.8	4192084	7.80E-09	9.81E-09	7.70E-09	7.72E-09	7.70E-09	5.71E-09	3.46E-09	4.99E-08	5.58E-09	7.64E-09	5.97E-09	5.99E-09	5.97E-09	3.98E-09	1.74E-09	3.69E-08
1949	561344.4	4192089	7.61E-09	9.56E-09	7.51E-09	7.53E-09	7.51E-09	5.57E-09	3.37E-09	4.87E-08	5.44E-09	7.45E-09	5.82E-09	5.84E-09	5.82E-09	3.88E-09	1.70E-09	3.59E-08
1950	561351.9	4192095	7.43E-09	9.34E-09	7.33E-09	7.35E-09	7.33E-09	5.44E-09	3.30E-09	4.75E-08	5.31E-09	7.28E-09	5.69E-09	5.70E-09	5.69E-09	3.79E-09	1.66E-09	3.51E-08
1951	561359.4	4192101	7.27E-09	9.15E-09	7.18E-09	7.20E-09	7.18E-09	5.32E-09	3.23E-09	4.65E-08	5.20E-09	7.13E-09	5.57E-09	5.58E-09	5.57E-09	3.71E-09	1.62E-09	3.44E-08
1952	561366.9	4192106	7.14E-09	8.97E-09	7.04E-09	7.06E-09	7.04E-09	5.22E-09	3.17E-09	4.57E-08	5.10E-09	6.99E-09	5.46E-09	5.48E-09	5.46E-09	3.64E-09	1.59E-09	3.37E-08
1953	561389.5	4192123	6.84E-09	8.60E-09	6.75E-09	6.77E-09	6.75E-09	5.00E-09	3.03E-09	4.37E-08	4.89E-09	6.70E-09	5.23E-09	5.25E-09	5.23E-09	3.49E-09	1.53E-09	3.23E-08
1954	561397.1	4192128	6.76E-09	8.51E-09	6.68E-09	6.69E-09	6.68E-09	4.95E-09	3.00E-09	4.33E-08	4.84E-09	6.63E-09	5.18E-09	5.19E-09	5.18E-09	3.45E-09	1.51E-09	3.20E-08
1955	561404.6	4192134	6.70E-09	8.43E-09	6.61E-09	6.63E-09	6.61E-09	4.90E-09	2.97E-09	4.29E-08	4.79E-09	6.57E-09	5.13E-09	5.14E-09	5.13E-09	3.42E-09	1.50E-09	3.17E-08
1956	561412.1	4192140	6.64E-09	8.36E-09	6.56E-09	6.58E-09	6.56E-09	4.86E-09	2.95E-09	4.25E-08	4.75E-09	6.51E-09	5.08E-09	5.10E-09	5.08E-09	3.39E-09	1.48E-09	3.14E-08
1957	561420.9	4192154	6.80E-09	8.55E-09	6.71E-09	6.73E-09	6.71E-09	4.98E-09	3.02E-09	4.35E-08	4.86E-09	6.66E-09	5.20E-09	5.22E-09	5.20E-09	3.47E-09	1.52E-09	3.21E-08
1958	561422.2	4192164	7.00E-09	8.81E-09	6.													

1999	561279	4192029	9.36E-09	1.18E-08	9.23E-09	9.26E-09	9.23E-09	6.85E-09	4.15E-09	5.99E-08	6.69E-09	9.17E-09	7.16E-09	7.18E-09	7.16E-09	4.77E-09	2.09E-09	4.42E-08
2000	561269.5	4192027	9.79E-09	1.23E-08	9.66E-09	9.69E-09	9.66E-09	7.16E-09	4.34E-09	6.26E-08	7.00E-09	9.59E-09	7.49E-09	7.51E-09	7.49E-09	4.99E-09	2.19E-09	4.63E-08
2001	561259.9	4192025	1.02E-08	1.29E-08	1.01E-08	1.01E-08	1.01E-08	7.48E-09	4.54E-09	6.54E-08	7.31E-09	1.00E-08	7.83E-09	7.85E-09	7.83E-09	5.22E-09	2.28E-09	4.83E-08
2002	561250.4	4192022	1.07E-08	1.34E-08	1.05E-08	1.06E-08	1.05E-08	7.80E-09	4.73E-09	6.82E-08	7.63E-09	1.04E-08	8.16E-09	8.18E-09	8.16E-09	5.44E-09	2.38E-09	5.04E-08
2003	561240.9	4192020	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.12E-09	4.92E-09	7.10E-08	7.94E-09	1.09E-08	8.49E-09	8.52E-09	8.49E-09	5.66E-09	2.48E-09	5.25E-08
2004	561231.3	4192018	1.15E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	8.44E-09	5.12E-09	7.38E-08	8.25E-09	1.13E-08	8.82E-09	8.85E-09	8.82E-09	5.88E-09	2.58E-09	5.45E-08
2005	561221.8	4192015	1.20E-08	1.50E-08	1.18E-08	1.18E-08	1.18E-08	8.75E-09	5.30E-09	7.64E-08	8.55E-09	1.17E-08	9.15E-09	9.17E-09	9.15E-09	6.10E-09	2.67E-09	5.65E-08
2006	561212.3	4192013	1.24E-08	1.55E-08	1.22E-08	1.22E-08	1.22E-08	9.04E-09	5.48E-09	7.90E-08	8.84E-09	1.21E-08	9.46E-09	9.48E-09	9.46E-09	6.31E-09	2.76E-09	5.84E-08
2007	561202.8	4192011	1.27E-08	1.60E-08	1.26E-08	1.26E-08	1.26E-08	9.33E-09	5.66E-09	8.15E-08	9.12E-09	1.25E-08	9.76E-09	9.78E-09	9.76E-09	6.50E-09	2.85E-09	6.03E-08
2008	561183.7	4192006	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.85E-09	5.97E-09	8.61E-08	9.63E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.87E-09	3.01E-09	6.36E-08
2009	561174.2	4192004	1.38E-08	1.73E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	8.81E-08	9.86E-09	1.35E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	6.51E-08
2010	561164.6	4192001	1.41E-08	1.77E-08	1.39E-08	1.39E-08	1.39E-08	1.03E-08	6.24E-09	9.00E-08	1.01E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.18E-09	3.14E-09	6.65E-08
2011	561155.1	4191999	1.43E-08	1.80E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.35E-09	9.16E-08	1.02E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	7.30E-09	3.20E-09	6.77E-08
2012	561145.6	4191997	1.45E-08	1.83E-08	1.43E-08	1.44E-08	1.43E-08	1.06E-08	6.44E-09	9.29E-08	1.04E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.41E-09	3.24E-09	6.87E-08
2013	561136	4191994	1.47E-08	1.85E-08	1.45E-08	1.46E-08	1.45E-08	1.08E-08	6.52E-09	9.41E-08	1.05E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	7.50E-09	3.29E-09	6.95E-08
2014	561126.5	4191992	1.49E-08	1.87E-08	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.59E-09	9.50E-08	1.06E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.58E-09	3.32E-09	7.02E-08
2015	561117	4191990	1.50E-08	1.88E-08	1.48E-08	1.48E-08	1.48E-08	1.09E-08	6.64E-09	9.57E-08	1.07E-08	1.47E-08	1.14E-08	1.15E-08	1.14E-08	7.63E-09	3.34E-09	7.07E-08
2016	561107.4	4191987	1.50E-08	1.89E-08	1.48E-08	1.49E-08	1.48E-08	1.10E-08	6.67E-09	9.62E-08	1.08E-08	1.47E-08	1.15E-08	1.15E-08	1.15E-08	7.67E-09	3.36E-09	7.11E-08
2017	561312.5	4192043	8.03E-09	1.01E-08	7.93E-09	7.95E-09	7.93E-09	5.88E-09	3.56E-09	5.14E-08	5.75E-09	7.87E-09	6.15E-09	6.17E-09	6.15E-09	4.10E-09	1.79E-09	3.80E-08
2018	561320.3	4192049	7.80E-09	9.81E-09	7.70E-09	7.72E-09	7.70E-09	5.71E-09	3.46E-09	4.99E-08	5.58E-09	7.64E-09	5.97E-09	5.99E-09	5.97E-09	3.98E-09	1.74E-09	3.69E-08
2019	561328	4192054	7.58E-09	9.53E-09	7.48E-09	7.50E-09	7.48E-09	5.54E-09	3.36E-09	4.85E-08	5.42E-09	7.42E-09	5.80E-09	5.81E-09	5.80E-09	3.87E-09	1.69E-09	3.58E-08
2020	561335.8	4192060	7.36E-09	9.26E-09	7.26E-09	7.28E-09	7.26E-09	5.39E-09	3.27E-09	4.71E-08	5.26E-09	7.21E-09	5.63E-09	5.65E-09	5.63E-09	3.76E-09	1.64E-09	3.48E-08
2021	561343.6	4192066	7.16E-09	9.00E-09	7.07E-09	7.09E-09	7.07E-09	5.24E-09	3.18E-09	4.58E-08	5.12E-09	7.02E-09	5.48E-09	5.49E-09	5.48E-09	3.65E-09	1.60E-09	3.38E-08
2022	561351.3	4192072	6.98E-09	8.77E-09	6.88E-09	6.90E-09	6.88E-09	5.11E-09	3.09E-09	4.46E-08	4.99E-09	6.83E-09	5.34E-09	5.35E-09	5.34E-09	3.56E-09	1.56E-09	3.30E-08
2023	561359.1	4192077	6.81E-09	8.56E-09	6.72E-09	6.74E-09	6.72E-09	4.98E-09	3.02E-09	4.35E-08	4.87E-09	6.67E-09	5.21E-09	5.22E-09	5.21E-09	3.47E-09	1.52E-09	3.22E-08
2024	561366.9	4192083	6.65E-09	8.37E-09	6.57E-09	6.58E-09	6.57E-09	4.87E-09	2.95E-09	4.26E-08	4.76E-09	6.52E-09	5.09E-09	5.11E-09	5.09E-09	3.39E-09	1.49E-09	3.14E-08
2025	561374.7	4192089	6.52E-09	8.19E-09	6.43E-09	6.45E-09	6.43E-09	4.77E-09	2.89E-09	4.17E-08	4.66E-09	6.39E-09	4.99E-09	5.00E-09	4.99E-09	3.32E-09	1.46E-09	3.08E-08
2026	561390.2	4192100	6.30E-09	7.93E-09	6.22E-09	6.24E-09	6.22E-09	4.61E-09	2.80E-09	4.03E-08	4.51E-09	6.18E-09	4.82E-09	4.84E-09	4.82E-09	3.22E-09	1.41E-09	2.98E-08
2027	561398	4192106	6.22E-09	7.83E-09	6.14E-09	6.16E-09	6.14E-09	4.56E-09	2.76E-09	3.98E-08	4.45E-09	6.10E-09	4.76E-09	4.78E-09	4.76E-09	3.18E-09	1.39E-09	2.94E-08
2028	561405.8	4192112	6.16E-09	7.74E-09	6.08E-09	6.09E-09	6.08E-09	4.51E-09	2.73E-09	3.94E-08	4.40E-09	6.03E-09	4.71E-09	4.73E-09	4.71E-09	3.14E-09	1.38E-09	2.91E-08
2029	561413.5	4192118	6.10E-09	7.67E-09	6.02E-09	6.04E-09	6.02E-09	4.46E-09	2.71E-09	3.90E-08	4.36E-09	5.98E-09	4.67E-09	4.68E-09	4.67E-09	3.11E-09	1.36E-09	2.88E-08
2030	561421.3	4192123	6.06E-09	7.61E-09	5.98E-09	5.99E-09	5.98E-09	4.43E-09	2.69E-09	3.87E-08	4.33E-09	5.93E-09	4.63E-09	4.65E-09	4.63E-09	3.09E-09	1.35E-09	2.86E-08
2031	561451.4	4192240	7.75E-09	9.75E-09	7.65E-09	7.67E-09	7.65E-09	5.67E-09	3.44E-09	4.96E-08	5.54E-09	7.59E-09	5.93E-09	5.95E-09	5.93E-09	3.95E-09	1.73E-09	3.66E-08
2032	561456.7	4192279	7.94E-09	9.98E-09	7.84E-09	7.86E-09	7.84E-09	5.81E-09	3.52E-09	5.08E-08	5.68E-09	7.78E-09	6.08E-09	6.09E-09	6.08E-09	4.05E-09	1.77E-09	3.75E-08
2033	561458.1	4192288	7.95E-09	9.99E-09	7.84E-09	7.87E-09	7.84E-09	5.82E-09	3.53E-09	5.08E-08	5.68E-09	7.79E-09	6.08E-09	6.10E-09	6.08E-09	4.06E-09	1.78E-09	3.76E-08
2034	561281.4	4192020	8.98E-09	1.13E-08	8.87E-09	8.89E-09	8.87E-09	6.58E-09	3.99E-09	5.75E-08	6.42E-09	8.80E-09	6.87E-09	6.89E-09	6.87E-09	4.58E-09	2.01E-09	4.25E-08
2035	561271.9	4192017	9.39E-09	1.18E-08	9.27E-09	9.29E-09	9.27E-09	6.87E-09	4.17E-09	6.01E-08	6.71E-09	9.20E-09	7.18E-09	7.20E-09	7.18E-09	4.79E-09	2.10E-09	4.44E-08
2036	561262.3	4192015	9.80E-09	1.23E-08	9.67E-09	9.70E-09	9.67E-09	7.17E-09	4.35E-09	6.27E-08	7.01E-09	9.60E-09	7.50E-09	7.52E-09	7.50E-09	5.00E-09	2.19E-09	4.63E-08
2037	561252.8	4192013	1.02E-08	1.28E-08	1.01E-08	1.01E-08	1.01E-08	7.47E-09	4.53E-09	6.53E-08	7.30E-09	1.00E-08	7.81E-09	7.83E-09	7.81E-09	5.21E-09	2.28E-09	4.82E-08
2038	561243.3	4192010	1.06E-08	1.33E-08	1.05E-08	1.05E-08	1.05E-08	7.77E-09	4.71E-09	6.79E-08	7.59E-09	1.04E-08	8.12E-09	8.15E-09	8.12E-09	5.42E-09	2.37E-09	5.02E-08
2039	561233.7	4192008	1.10E-08	1.39E-08	1.09E-08	1.09E-08	1.09E-08	8.06E-09	4.89E-09	7.05E-08	7.88E-09	1.08E-08	8.43E-09	8.45E-09	8.43E-09	5.62E-09	2.46E-09	5.21E-08
2040	561224.2	4192006	1.14E-08	1.43E-08	1.13E-08	1.13E-08	1.13E-08	8.35E-09	5.06E-09	7.30E-08	8.16E-09	1.12E-08	8.73E-09	8.76E-09	8.73E-09	5.82E-09	2.55E-09	5.39E-08
2041	561214.7	4192003	1.18E-08	1.48E-08	1.16E-08	1.17E-08	1.16E-08	8.63E-09	5.23E-09	7.54E-08	8.43E-09	1.16E-08	9.02E-09	9.05E-09	9.02E-09	6.02E-09	2.63E-09	5.57E-08
2042	561205.1	4192001	1.22E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	8.90E-09	5.39E-09	7.77E-08	8.69E-09	1.19E-08	9.30E-09	9.33E-09	9.30E-09	6.20E-09	2.72E-09	5.74E-08
2043	561186.1	4191996	1.28E-08	1.61E-08	1.27E-08	1.27E-08	1.27E-08	9.38E-09	5.69E-09	8.20E-08	9.17E-09	1.26E-08	9.81E-09	9.84E-09	9.81E-09	6.54E-09	2.86E-09	6.06E-08
2044	561176.5	4191994	1.31E-08	1.65E-08	1.29E-08	1.30E-08	1.29E-08	9.60E-09	5.82E-09	8.39E-08	9.38E-09	1.29E-08	1.00E-08	1.01E-08	1.00E-08	6.69E-09	2.93E-09	6.20E-08
2045	561167	4191992	1.34E-08	1.68E-08	1.32E-08	1.32E-08	1.32E-08	9.80E-09	5.94E-09	8.56E-08	9.57E-09	1.31E-08	1.02E-08	1.03E-08	1.02E-08	6.83E-09	2.99E-09	6.33E-08
2046	561157.5	4191989	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.97E-09	6.04E-09	8.71E-08	9.74E-09	1.33E-08	1.04E-08	1.05E-08	1.04E-08	6.95E-09	3.04E-09	6.44E-08
2047	561147.9	4191987	1.38E-08	1.74E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.13E-09	8.84E-08	9.89E-09	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.05E-09	3.09E-09	6.53E-08
2048	561138.4	4191985	1.40E-08	1.76E-08	1.38E-08	1.39E-08	1.38E-08	1.02E-08	6.21E-09	8.95E-08	1.00E-08	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.14E-09	3.13E-09	6.62E-08
2049	561128.9	4191982	1.41E-08	1.78E-08	1.40E-													

2090	561354.8	4192051	6.51E-09	8.18E-09	6.42E-09	6.44E-09	6.42E-09	4.76E-09	2.89E-09	4.16E-08	4.65E-09	6.38E-09	4.98E-09	4.99E-09	4.98E-09	3.32E-09	1.45E-09	3.08E-08
2091	561362.5	4192057	6.34E-09	7.98E-09	6.26E-09	6.28E-09	6.26E-09	4.64E-09	2.82E-09	4.06E-08	4.54E-09	6.22E-09	4.86E-09	4.87E-09	4.86E-09	3.24E-09	1.42E-09	3.00E-08
2092	561370.1	4192063	6.20E-09	7.79E-09	6.11E-09	6.13E-09	6.11E-09	4.53E-09	2.75E-09	3.96E-08	4.43E-09	6.07E-09	4.74E-09	4.75E-09	4.74E-09	3.16E-09	1.38E-09	2.93E-08
2093	561377.7	4192068	6.06E-09	7.62E-09	5.98E-09	6.00E-09	5.98E-09	4.43E-09	2.69E-09	3.88E-08	4.33E-09	5.94E-09	4.64E-09	4.65E-09	4.64E-09	3.09E-09	1.35E-09	2.86E-08
2094	561400.6	4192085	5.76E-09	7.24E-09	5.68E-09	5.70E-09	5.68E-09	4.21E-09	2.55E-09	3.68E-08	4.12E-09	5.64E-09	4.40E-09	4.42E-09	4.40E-09	2.94E-09	1.29E-09	2.72E-08
2095	561408.3	4192091	5.68E-09	7.15E-09	5.61E-09	5.63E-09	5.61E-09	4.16E-09	2.52E-09	3.64E-08	4.07E-09	5.57E-09	4.35E-09	4.36E-09	4.35E-09	2.90E-09	1.27E-09	2.69E-08
2096	561415.9	4192096	5.62E-09	7.07E-09	5.55E-09	5.57E-09	5.55E-09	4.12E-09	2.50E-09	3.60E-08	4.02E-09	5.51E-09	4.30E-09	4.32E-09	4.30E-09	2.87E-09	1.26E-09	2.66E-08
2097	561423.5	4192102	5.58E-09	7.01E-09	5.50E-09	5.52E-09	5.50E-09	4.08E-09	2.47E-09	3.57E-08	3.99E-09	5.46E-09	4.27E-09	4.28E-09	4.27E-09	2.85E-09	1.25E-09	2.64E-08
2098	561468.4	4192228	7.08E-09	8.90E-09	6.99E-09	7.01E-09	6.99E-09	5.18E-09	3.14E-09	4.53E-08	5.06E-09	6.94E-09	5.42E-09	5.43E-09	5.42E-09	3.61E-09	1.58E-09	3.35E-08
2099	561469.7	4192238	7.16E-09	9.00E-09	7.07E-09	7.09E-09	7.07E-09	5.24E-09	3.18E-09	4.58E-08	5.12E-09	7.02E-09	5.48E-09	5.49E-09	5.48E-09	3.65E-09	1.60E-09	3.38E-08
2100	561471	4192247	7.22E-09	9.08E-09	7.13E-09	7.15E-09	7.13E-09	5.29E-09	3.20E-09	4.62E-08	5.16E-09	7.08E-09	5.53E-09	5.54E-09	5.53E-09	3.68E-09	1.61E-09	3.41E-08
2101	561326.4	4192019	7.02E-09	8.83E-09	6.93E-09	6.95E-09	6.93E-09	5.14E-09	3.12E-09	4.49E-08	5.02E-09	6.88E-09	5.37E-09	5.39E-09	5.37E-09	3.58E-09	1.57E-09	3.32E-08
2102	561334	4192024	6.83E-09	8.59E-09	6.74E-09	6.76E-09	6.74E-09	5.00E-09	3.03E-09	4.37E-08	4.88E-09	6.69E-09	5.23E-09	5.24E-09	5.23E-09	3.48E-09	1.53E-09	3.23E-08
2103	561341.5	4192030	6.64E-09	8.35E-09	6.55E-09	6.57E-09	6.55E-09	4.86E-09	2.95E-09	4.25E-08	4.75E-09	6.51E-09	5.08E-09	5.10E-09	5.08E-09	3.39E-09	1.48E-09	3.14E-08
2104	561349.1	4192035	6.46E-09	8.13E-09	6.38E-09	6.40E-09	6.38E-09	4.73E-09	2.87E-09	4.13E-08	4.62E-09	6.33E-09	4.95E-09	4.96E-09	4.95E-09	3.30E-09	1.44E-09	3.05E-08
2105	561356.7	4192041	6.30E-09	7.92E-09	6.21E-09	6.23E-09	6.21E-09	4.61E-09	2.79E-09	4.03E-08	4.50E-09	6.17E-09	4.82E-09	4.83E-09	4.82E-09	3.21E-09	1.41E-09	2.98E-08
2106	561364.2	4192047	6.14E-09	7.72E-09	6.06E-09	6.07E-09	6.06E-09	4.49E-09	2.72E-09	4.39E-08	4.39E-09	6.01E-09	4.70E-09	4.71E-09	4.70E-09	3.13E-09	1.37E-09	2.90E-08
2107	561371.8	4192052	5.99E-09	7.54E-09	5.91E-09	5.93E-09	5.91E-09	4.39E-09	2.66E-09	3.83E-08	4.29E-09	5.87E-09	4.59E-09	4.60E-09	4.59E-09	3.06E-09	1.34E-09	2.83E-08
2108	561379.4	4192058	5.86E-09	7.37E-09	5.78E-09	5.80E-09	5.78E-09	4.29E-09	2.60E-09	3.75E-08	4.19E-09	5.74E-09	4.48E-09	4.50E-09	4.48E-09	2.99E-09	1.31E-09	2.77E-08
2109	561402.1	4192075	5.55E-09	6.98E-09	5.48E-09	5.49E-09	5.48E-09	4.06E-09	2.46E-09	3.55E-08	3.97E-09	5.44E-09	4.25E-09	4.26E-09	4.25E-09	2.83E-09	1.24E-09	2.62E-08
2110	561409.7	4192080	5.47E-09	6.89E-09	5.40E-09	5.42E-09	5.40E-09	4.01E-09	2.43E-09	3.50E-08	3.92E-09	5.36E-09	4.19E-09	4.20E-09	4.19E-09	2.79E-09	1.22E-09	2.59E-08
2111	561417.2	4192086	5.41E-09	6.81E-09	5.34E-09	5.36E-09	5.34E-09	3.96E-09	2.40E-09	3.46E-08	3.87E-09	5.30E-09	4.14E-09	4.15E-09	4.14E-09	2.76E-09	1.21E-09	2.56E-08
2112	561424.8	4192092	5.36E-09	6.74E-09	5.29E-09	5.31E-09	5.29E-09	3.92E-09	2.38E-09	3.43E-08	3.83E-09	5.25E-09	4.10E-09	4.11E-09	4.10E-09	2.74E-09	1.20E-09	2.53E-08
2113	561478.2	4192232	6.86E-09	8.63E-09	6.77E-09	6.79E-09	6.77E-09	5.02E-09	3.04E-09	4.39E-08	4.91E-09	6.72E-09	5.25E-09	5.26E-09	5.25E-09	3.50E-09	1.53E-09	3.24E-08
2114	561479.4	4192241	6.93E-09	8.71E-09	6.83E-09	6.85E-09	6.83E-09	5.07E-09	3.07E-09	4.43E-08	4.95E-09	6.79E-09	5.30E-09	5.31E-09	5.30E-09	3.53E-09	1.55E-09	3.27E-08
2115	561480.7	4192250	6.98E-09	8.77E-09	6.89E-09	6.91E-09	6.89E-09	5.11E-09	3.10E-09	4.46E-08	4.99E-09	6.84E-09	5.34E-09	5.35E-09	5.34E-09	3.56E-09	1.56E-09	3.30E-08
2116	561353.7	4192027	6.20E-09	7.80E-09	6.12E-09	6.14E-09	6.12E-09	4.54E-09	2.75E-09	3.97E-08	4.43E-09	6.08E-09	4.75E-09	4.76E-09	4.75E-09	3.16E-09	1.39E-09	2.93E-08
2117	561361.5	4192033	6.04E-09	7.59E-09	5.96E-09	5.97E-09	5.96E-09	4.42E-09	2.68E-09	3.86E-08	4.32E-09	5.91E-09	4.62E-09	4.63E-09	4.62E-09	3.08E-09	1.35E-09	2.85E-08
2118	561369.3	4192039	5.88E-09	7.40E-09	5.80E-09	5.82E-09	5.80E-09	4.30E-09	2.61E-09	3.76E-08	4.21E-09	5.76E-09	4.50E-09	4.51E-09	4.50E-09	3.00E-09	1.31E-09	2.78E-08
2119	561377.2	4192045	5.74E-09	7.22E-09	5.66E-09	5.68E-09	5.66E-09	4.20E-09	2.55E-09	3.67E-08	4.10E-09	5.62E-09	4.39E-09	4.40E-09	4.39E-09	2.93E-09	1.28E-09	2.71E-08
2120	561385	4192051	5.61E-09	7.06E-09	5.54E-09	5.55E-09	5.54E-09	4.11E-09	2.49E-09	3.59E-08	4.01E-09	5.50E-09	4.29E-09	4.31E-09	4.29E-09	2.86E-09	1.25E-09	2.65E-08
2121	561400.7	4192062	5.39E-09	6.78E-09	5.32E-09	5.34E-09	5.32E-09	3.95E-09	2.39E-09	3.45E-08	3.86E-09	5.28E-09	4.13E-09	4.14E-09	4.13E-09	2.75E-09	1.20E-09	2.55E-08
2122	561408.5	4192068	5.31E-09	6.67E-09	5.24E-09	5.25E-09	5.24E-09	3.88E-09	2.35E-09	3.39E-08	3.79E-09	5.20E-09	4.06E-09	4.07E-09	4.06E-09	2.71E-09	1.19E-09	2.51E-08
2123	561416.4	4192074	5.23E-09	6.58E-09	5.17E-09	5.18E-09	5.17E-09	3.83E-09	2.32E-09	3.35E-08	3.74E-09	5.13E-09	4.01E-09	4.02E-09	4.01E-09	2.67E-09	1.17E-09	2.47E-08
2124	561424.2	4192080	5.18E-09	6.51E-09	5.11E-09	5.12E-09	5.11E-09	3.79E-09	2.30E-09	3.31E-08	3.70E-09	5.07E-09	3.96E-09	3.97E-09	3.96E-09	2.64E-09	1.16E-09	2.45E-08
2125	561432.1	4192086	5.13E-09	6.45E-09	5.06E-09	5.07E-09	5.06E-09	3.75E-09	2.27E-09	3.28E-08	3.67E-09	5.02E-09	3.92E-09	3.93E-09	3.92E-09	2.62E-09	1.15E-09	2.42E-08
2126	561487.3	4192231	6.61E-09	8.32E-09	6.53E-09	6.55E-09	6.53E-09	4.84E-09	2.93E-09	4.23E-08	4.73E-09	6.48E-09	5.06E-09	5.08E-09	5.06E-09	3.38E-09	1.48E-09	3.13E-08
2127	561488.6	4192240	6.68E-09	8.40E-09	6.59E-09	6.61E-09	6.59E-09	4.89E-09	2.96E-09	4.27E-08	4.78E-09	6.55E-09	5.11E-09	5.13E-09	5.11E-09	3.41E-09	1.49E-09	3.16E-08
2128	561490	4192250	6.73E-09	8.46E-09	6.64E-09	6.66E-09	6.64E-09	4.93E-09	2.99E-09	4.30E-08	4.81E-09	6.59E-09	5.15E-09	5.16E-09	5.15E-09	3.43E-09	1.50E-09	3.18E-08
2129	561281.4	4191978	8.04E-09	1.01E-08	7.93E-09	7.95E-09	7.93E-09	5.88E-09	3.57E-09	5.14E-08	4.75E-09	7.88E-09	6.15E-09	6.17E-09	6.15E-09	4.10E-09	1.80E-09	3.80E-08
2130	561271.9	4191976	8.36E-09	1.05E-08	8.25E-09	8.27E-09	8.25E-09	6.12E-09	3.71E-09	5.35E-08	5.98E-09	8.19E-09	6.40E-09	6.41E-09	6.40E-09	4.26E-09	1.87E-09	3.95E-08
2131	561262.3	4191974	8.68E-09	1.09E-08	8.56E-09	8.59E-09	8.56E-09	6.35E-09	3.85E-09	5.55E-08	6.20E-09	8.50E-09	6.64E-09	6.66E-09	6.64E-09	4.43E-09	1.94E-09	4.10E-08
2132	561252.8	4191971	8.99E-09	1.13E-08	8.87E-09	8.90E-09	8.87E-09	6.58E-09	3.99E-09	5.75E-08	6.43E-09	8.81E-09	6.88E-09	6.90E-09	6.88E-09	4.59E-09	2.01E-09	4.25E-08
2133	561243.3	4191969	9.30E-09	1.17E-08	9.18E-09	9.20E-09	9.18E-09	6.81E-09	4.13E-09	5.95E-08	6.65E-09	9.11E-09	7.12E-09	7.14E-09	7.12E-09	4.75E-09	2.08E-09	4.40E-08
2134	561233.7	4191967	9.60E-09	1.21E-08	9.48E-09	9.50E-09	9.48E-09	7.03E-09	4.26E-09	6.14E-08	6.87E-09	9.41E-09	7.35E-09	7.37E-09	7.35E-09	4.90E-09	2.15E-09	4.54E-08
2135	561224.2	4191964	9.90E-09	1.24E-08	9.77E-09	9.79E-09	9.77E-09	7.24E-09	4.39E-09	6.33E-08	7.08E-09	9.70E-09	7.57E-09	7.59E-09	7.57E-09	5.05E-09	2.21E-09	4.68E-08
2136	561214.7	4191962	1.02E-08	1.28E-08	1.00E-08	1.01E-08	1.00E-08	7.45E-09	4.52E-09	6.51E-08	7.28E-09	9.97E-09	7.79E-09	7.81E-09	7.79E-09	5.19E-09	2.27E-09	4.81E-08
2137	561205.1	4191960	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.64E-09	4.63E-09	6.68E-08	7.47E-09	1.02E-08	7.99E-09	8.02E-09	7.99E-09	5.33E-09	2.33E-09	4.94E-08
2138	561195.6	4191957	1.07E-08	1.34E-08	1.06E-08	1.06E-08	1.06E-08	7.83E-09	4.75E-09	6.84E-08	7.65E-09	1.05E-08	8.18E-09	8.21E-09	8.18E-09	5.46E-09	2.39E-09	5.06E-08
2139	561186.1	4191955	1.09E-08	1.37E-08	1.08E-08	1.08E-08	1.08E-08	8.00E-09	4.85E-09	6.99E-08	7.82E-09	1.07E-08	8.36E-09	8.39E-09	8.36E-09	5.58E-09	2.44E-09	5.17E-08
2140	561176.6	4191953	1.11E-08	1.40E-08	1.													

2181	561257.6	4191952	8.33E-09	1.05E-08	8.22E-09	8.24E-09	8.22E-09	6.10E-09	3.70E-09	5.33E-08	5.96E-09	8.16E-09	6.37E-09	6.39E-09	6.37E-09	4.25E-09	1.86E-09	3.94E-08
2182	561248	4191950	8.60E-09	1.08E-08	8.49E-09	8.51E-09	8.49E-09	6.30E-09	3.82E-09	5.50E-08	6.15E-09	8.43E-09	6.58E-09	6.60E-09	6.58E-09	4.39E-09	1.92E-09	4.07E-08
2183	561238.5	4191947	8.87E-09	1.12E-08	8.76E-09	8.78E-09	8.76E-09	6.49E-09	3.94E-09	5.67E-08	6.34E-09	8.69E-09	6.79E-09	6.81E-09	6.79E-09	4.53E-09	1.98E-09	4.19E-08
2184	561229	4191945	9.13E-09	1.15E-08	9.01E-09	9.04E-09	9.01E-09	6.68E-09	4.05E-09	5.84E-08	6.53E-09	8.95E-09	6.99E-09	7.01E-09	6.99E-09	4.66E-09	2.04E-09	4.32E-08
2185	561219.4	4191943	9.38E-09	1.18E-08	9.26E-09	9.28E-09	9.26E-09	6.86E-09	4.16E-09	6.00E-08	6.71E-09	9.19E-09	7.18E-09	7.20E-09	7.18E-09	4.79E-09	2.10E-09	4.43E-08
2186	561209.9	4191940	9.62E-09	1.21E-08	9.49E-09	9.52E-09	9.49E-09	7.04E-09	4.27E-09	6.15E-08	6.88E-09	9.42E-09	7.36E-09	7.38E-09	7.36E-09	4.91E-09	2.15E-09	4.55E-08
2187	561200.4	4191938	9.84E-09	1.24E-08	9.71E-09	9.74E-09	9.71E-09	7.20E-09	4.37E-09	6.29E-08	7.04E-09	9.64E-09	7.53E-09	7.55E-09	7.53E-09	5.02E-09	2.20E-09	4.65E-08
2188	561190.9	4191936	1.00E-08	1.26E-08	9.92E-09	9.94E-09	9.92E-09	7.35E-09	4.46E-09	6.43E-08	7.18E-09	9.84E-09	7.69E-09	7.71E-09	7.69E-09	5.13E-09	2.24E-09	4.75E-08
2189	561181.3	4191933	1.02E-08	1.29E-08	1.01E-08	1.01E-08	1.01E-08	7.49E-09	4.54E-09	6.55E-08	7.32E-09	1.00E-08	7.83E-09	7.86E-09	7.83E-09	5.22E-09	2.29E-09	4.84E-08
2190	561171.8	4191931	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.62E-09	4.62E-09	6.66E-08	7.45E-09	1.02E-08	7.97E-09	7.99E-09	7.97E-09	5.31E-09	2.33E-09	4.92E-08
2191	561162.3	4191929	1.06E-08	1.33E-08	1.04E-08	1.05E-08	1.04E-08	7.73E-09	4.69E-09	6.76E-08	7.56E-09	1.04E-08	8.09E-09	8.11E-09	8.09E-09	5.39E-09	2.36E-09	4.99E-08
2192	561152.7	4191926	1.07E-08	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.83E-09	4.75E-09	6.85E-08	7.65E-09	1.05E-08	8.19E-09	8.21E-09	8.19E-09	5.46E-09	2.39E-09	5.06E-08
2193	561143.2	4191924	1.08E-08	1.36E-08	1.07E-08	1.07E-08	1.07E-08	7.92E-09	4.80E-09	6.92E-08	7.74E-09	1.06E-08	8.28E-09	8.30E-09	8.28E-09	5.52E-09	2.42E-09	5.11E-08
2194	561133.7	4191922	1.09E-08	1.37E-08	1.08E-08	1.08E-08	1.08E-08	7.99E-09	4.85E-09	6.99E-08	7.81E-09	1.07E-08	8.36E-09	8.38E-09	8.36E-09	5.57E-09	2.44E-09	5.16E-08
2195	561124.1	4191919	1.10E-08	1.38E-08	1.09E-08	1.09E-08	1.09E-08	8.06E-09	4.88E-09	7.04E-08	7.87E-09	1.08E-08	8.42E-09	8.45E-09	8.42E-09	5.62E-09	2.46E-09	5.20E-08
2196	560814.6	4192518	1.79E-08	2.25E-08	1.77E-08	1.77E-08	1.77E-08	1.31E-08	7.94E-09	1.14E-07	1.28E-08	1.75E-08	1.37E-08	1.37E-08	1.37E-08	9.13E-09	4.00E-09	8.45E-08
2197	560817.7	4192535	1.76E-08	2.21E-08	1.73E-08	1.74E-08	1.73E-08	1.29E-08	7.79E-09	1.12E-07	1.26E-08	1.72E-08	1.34E-08	1.35E-08	1.34E-08	8.96E-09	3.92E-09	8.30E-08
2198	560820.7	4192553	1.73E-08	2.17E-08	1.71E-08	1.71E-08	1.71E-08	1.27E-08	7.67E-09	1.11E-07	1.24E-08	1.69E-08	1.32E-08	1.33E-08	1.32E-08	8.82E-09	3.86E-09	8.17E-08
2199	560804.8	4192520	1.68E-08	2.11E-08	1.65E-08	1.66E-08	1.65E-08	1.23E-08	7.43E-09	1.07E-07	1.20E-08	1.64E-08	1.28E-08	1.29E-08	1.28E-08	8.55E-09	3.74E-09	7.92E-08
2200	560807.8	4192537	1.65E-08	2.07E-08	1.62E-08	1.63E-08	1.62E-08	1.20E-08	7.30E-09	1.05E-07	1.18E-08	1.61E-08	1.26E-08	1.26E-08	1.26E-08	8.40E-09	3.68E-09	7.78E-08
2201	560810.9	4192554	1.62E-08	2.04E-08	1.60E-08	1.60E-08	1.60E-08	1.19E-08	7.19E-09	1.04E-07	1.16E-08	1.59E-08	1.24E-08	1.24E-08	1.24E-08	8.27E-09	3.62E-09	7.66E-08
2202	560792.9	4192506	1.61E-08	2.03E-08	1.59E-08	1.59E-08	1.59E-08	1.18E-08	7.15E-09	1.03E-07	1.15E-08	1.58E-08	1.23E-08	1.24E-08	1.23E-08	8.22E-09	3.60E-09	7.61E-08
2203	560794.9	4192522	1.57E-08	1.98E-08	1.55E-08	1.56E-08	1.55E-08	1.15E-08	6.98E-09	1.01E-07	1.12E-08	1.54E-08	1.20E-08	1.21E-08	1.20E-08	8.03E-09	3.51E-09	7.43E-08
2204	560798	4192539	1.55E-08	1.94E-08	1.53E-08	1.53E-08	1.53E-08	1.13E-08	6.86E-09	8.99E-08	1.11E-08	1.51E-08	1.18E-08	1.19E-08	1.18E-08	7.89E-09	3.45E-09	7.30E-08
2205	560801	4192556	1.52E-08	1.92E-08	1.50E-08	1.51E-08	1.50E-08	1.11E-08	6.76E-09	9.74E-08	1.09E-08	1.49E-08	1.17E-08	1.17E-08	1.17E-08	7.77E-09	3.40E-09	7.20E-08
2206	560783.1	4192507	1.52E-08	1.91E-08	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.73E-09	9.70E-08	1.08E-08	1.49E-08	1.16E-08	1.16E-08	1.16E-08	7.74E-09	3.39E-09	7.17E-08
2207	560785.1	4192524	1.48E-08	1.86E-08	1.46E-08	1.46E-08	1.46E-08	1.08E-08	6.57E-09	9.47E-08	1.06E-08	1.45E-08	1.13E-08	1.14E-08	1.13E-08	7.55E-09	3.31E-09	6.99E-08
2208	560788.1	4192541	1.45E-08	1.83E-08	1.44E-08	1.44E-08	1.44E-08	1.06E-08	6.45E-09	9.30E-08	1.04E-08	1.43E-08	1.11E-08	1.12E-08	1.11E-08	7.42E-09	3.25E-09	6.87E-08
2209	560791.2	4192558	1.43E-08	1.80E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.36E-09	9.17E-08	1.03E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	7.32E-09	3.20E-09	6.78E-08
2210	560773.2	4192508	1.43E-08	1.80E-08	1.41E-08	1.42E-08	1.41E-08	1.05E-08	6.36E-09	9.16E-08	1.02E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	7.31E-09	3.20E-09	6.77E-08
2211	560775.2	4192525	1.40E-08	1.76E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.20E-09	8.94E-08	9.99E-09	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.13E-09	3.12E-09	6.60E-08
2212	560778.3	4192542	1.37E-08	1.73E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.09E-09	8.78E-08	9.82E-09	1.35E-08	1.05E-08	1.05E-08	1.05E-08	7.00E-09	3.07E-09	6.49E-08
2213	560781.3	4192560	1.35E-08	1.70E-08	1.34E-08	1.34E-08	1.34E-08	9.90E-09	6.00E-09	8.65E-08	9.67E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.90E-09	3.02E-09	6.39E-08
2214	560763.4	4192511	1.35E-08	1.70E-08	1.33E-08	1.34E-08	1.33E-08	9.90E-09	6.00E-09	8.65E-08	9.67E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.90E-09	3.02E-09	6.39E-08
2215	560765.4	4192527	1.32E-08	1.66E-08	1.30E-08	1.31E-08	1.30E-08	9.67E-09	5.86E-09	8.45E-08	9.45E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.74E-09	2.95E-09	6.25E-08
2216	560768.4	4192544	1.30E-08	1.63E-08	1.28E-08	1.29E-08	1.28E-08	9.51E-09	5.76E-09	8.31E-08	9.29E-09	1.27E-08	9.94E-09	9.97E-09	9.94E-09	6.63E-09	2.90E-09	6.14E-08
2217	560771.5	4192561	1.28E-08	1.61E-08	1.26E-08	1.27E-08	1.26E-08	9.37E-09	5.68E-09	8.19E-08	9.15E-09	1.25E-08	9.80E-09	9.82E-09	9.80E-09	6.53E-09	2.86E-09	6.05E-08
2218	560753.6	4192512	1.28E-08	1.61E-08	1.27E-08	1.27E-08	1.27E-08	9.39E-09	5.69E-09	8.20E-08	9.17E-09	1.26E-08	9.82E-09	9.84E-09	9.82E-09	6.54E-09	2.87E-09	6.06E-08
2219	560752.6	4192497	1.32E-08	1.66E-08	1.30E-08	1.31E-08	1.30E-08	9.66E-09	5.86E-09	8.45E-08	9.44E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.74E-09	2.95E-09	6.24E-08
2220	560755.6	4192529	1.25E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	9.17E-09	5.56E-09	8.01E-08	8.96E-09	1.23E-08	9.59E-09	9.61E-09	9.59E-09	6.39E-09	2.80E-09	5.92E-08
2221	560758.6	4192546	1.23E-08	1.55E-08	1.22E-08	1.22E-08	1.22E-08	9.01E-09	5.46E-09	7.88E-08	8.81E-09	1.21E-08	9.42E-09	9.45E-09	9.42E-09	6.28E-09	2.75E-09	5.82E-08
2222	560761.6	4192563	1.21E-08	1.53E-08	1.20E-08	1.20E-08	1.20E-08	8.88E-09	5.38E-09	7.76E-08	8.68E-09	1.19E-08	9.29E-09	9.31E-09	9.29E-09	6.19E-09	2.71E-09	5.74E-08
2223	560743.7	4192514	1.22E-08	1.53E-08	1.20E-08	1.21E-08	1.20E-08	8.92E-09	5.41E-09	7.79E-08	8.71E-09	1.19E-08	9.32E-09	9.35E-09	9.32E-09	6.22E-09	2.72E-09	5.76E-08
2224	560742.7	4192497	1.26E-08	1.58E-08	1.24E-08	1.24E-08	1.24E-08	9.19E-09	5.57E-09	8.03E-08	8.98E-09	1.23E-08	9.61E-09	9.63E-09	9.61E-09	6.41E-09	2.80E-09	5.93E-08
2225	560745.7	4192531	1.19E-08	1.50E-08	1.17E-08	1.18E-08	1.17E-08	8.71E-09	5.28E-09	7.61E-08	8.51E-09	1.17E-08	9.10E-09	9.13E-09	9.10E-09	6.07E-09	2.66E-09	5.62E-08
2226	560748.8	4192548	1.17E-08	1.47E-08	1.15E-08	1.16E-08	1.15E-08	8.56E-09	5.19E-09	7.48E-08	8.36E-09	1.15E-08	8.95E-09	8.97E-09	8.95E-09	5.97E-09	2.61E-09	5.53E-08
2227	560751.8	4192565	1.15E-08	1.45E-08	1.14E-08	1.14E-08	1.14E-08	8.44E-09	5.11E-09	7.37E-08	8.24E-09	1.13E-08	8.82E-09	8.84E-09	8.82E-09	5.88E-09	2.57E-09	5.45E-08
2228	560733.8	4192515	1.16E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	8.49E-09	5.14E-09	7.42E-08	8.29E-09	1.14E-08	8.87E-09	8.90E-09	8.87E-09	5.92E-09	2.59E-09	5.48E-08
2229	560735.9	4192532	1.13E-08	1.42E-08	1.12E-08	1.12E-08	1.12E-08	8.28E-09	5.02E-09	7.24E-08	8.09E-09	1.11E-08	8.66E-09	8.69E-09	8.66E-09	5.77E-09	2.53E-09	5.35E-08
2230	560738.9	4192549	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.14E-09	4.94E-09	7.12E-08	7.96E-09	1.09E-08	8.51E-09	8.54E-09	8.51E-09	5.68E-09	2.49E-09	5.26E-08
2231	560742	4192567	1.10E-08	1.38E-08	1.08													

2272	560831.9	4192662	1.57E-08	1.97E-08	1.55E-08	1.55E-08	1.55E-08	1.15E-08	6.96E-09	1.00E-07	1.12E-08	1.54E-08	1.20E-08	1.20E-08	1.20E-08	8.00E-09	3.50E-09	7.42E-08
2273	560826.6	4192652	1.54E-08	1.94E-08	1.52E-08	1.53E-08	1.52E-08	1.13E-08	6.84E-09	9.87E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.87E-09	3.45E-09	7.29E-08
2274	560821.3	4192642	1.52E-08	1.91E-08	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.72E-09	9.69E-08	1.08E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	7.73E-09	3.39E-09	7.16E-08
2275	560816	4192632	1.49E-08	1.87E-08	1.47E-08	1.47E-08	1.47E-08	1.09E-08	6.60E-09	9.52E-08	1.06E-08	1.46E-08	1.14E-08	1.14E-08	1.14E-08	7.59E-09	3.32E-09	7.03E-08
2276	560810.7	4192621	1.46E-08	1.84E-08	1.44E-08	1.45E-08	1.44E-08	1.07E-08	6.48E-09	9.35E-08	1.04E-08	1.43E-08	1.12E-08	1.12E-08	1.12E-08	7.46E-09	3.26E-09	6.91E-08
2277	560805.4	4192611	1.44E-08	1.81E-08	1.42E-08	1.42E-08	1.42E-08	1.05E-08	6.37E-09	9.18E-08	1.03E-08	1.41E-08	1.10E-08	1.10E-08	1.10E-08	7.32E-09	3.21E-09	6.79E-08
2278	560800.1	4192601	1.41E-08	1.78E-08	1.39E-08	1.40E-08	1.39E-08	1.03E-08	6.26E-09	9.03E-08	1.01E-08	1.38E-08	1.08E-08	1.08E-08	1.08E-08	7.20E-09	3.15E-09	6.67E-08
2279	560794.8	4192591	1.39E-08	1.75E-08	1.37E-08	1.37E-08	1.37E-08	1.02E-08	6.16E-09	8.88E-08	9.93E-09	1.36E-08	1.06E-08	1.07E-08	1.06E-08	7.09E-09	3.10E-09	6.56E-08
2280	560789.5	4192581	1.37E-08	1.72E-08	1.35E-08	1.35E-08	1.35E-08	1.00E-08	6.07E-09	8.75E-08	9.78E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	6.98E-09	3.06E-09	6.46E-08
2281	560784.2	4192571	1.35E-08	1.70E-08	1.33E-08	1.33E-08	1.33E-08	9.87E-09	5.98E-09	8.63E-08	9.64E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.88E-09	3.01E-09	6.37E-08
2282	560835.5	4192690	1.54E-08	1.93E-08	1.52E-08	1.52E-08	1.52E-08	1.13E-08	6.82E-09	9.83E-08	1.10E-08	1.51E-08	1.18E-08	1.18E-08	1.18E-08	7.84E-09	3.43E-09	7.27E-08
2283	560830.3	4192680	1.52E-08	1.91E-08	1.50E-08	1.50E-08	1.50E-08	1.11E-08	6.73E-09	9.70E-08	1.08E-08	1.49E-08	1.16E-08	1.16E-08	1.16E-08	7.74E-09	3.39E-09	7.17E-08
2284	560825.1	4192670	1.49E-08	1.88E-08	1.47E-08	1.48E-08	1.47E-08	1.09E-08	6.63E-09	9.56E-08	1.07E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	7.62E-09	3.34E-09	7.06E-08
2285	560819.9	4192660	1.47E-08	1.85E-08	1.45E-08	1.45E-08	1.45E-08	1.08E-08	6.52E-09	9.40E-08	1.05E-08	1.44E-08	1.12E-08	1.13E-08	1.12E-08	7.50E-09	3.28E-09	6.95E-08
2286	560814.7	4192650	1.44E-08	1.82E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.41E-09	9.24E-08	1.03E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.37E-09	3.23E-09	6.83E-08
2287	560809.5	4192640	1.42E-08	1.78E-08	1.40E-08	1.40E-08	1.40E-08	1.04E-08	6.30E-09	9.08E-08	1.01E-08	1.39E-08	1.09E-08	1.09E-08	1.09E-08	7.24E-09	3.17E-09	6.71E-08
2288	560804.3	4192630	1.39E-08	1.75E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.19E-09	8.92E-08	9.97E-09	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.11E-09	3.11E-09	6.59E-08
2289	560799.1	4192620	1.37E-08	1.72E-08	1.35E-08	1.36E-08	1.35E-08	1.00E-08	6.08E-09	8.76E-08	9.80E-09	1.34E-08	1.05E-08	1.05E-08	1.05E-08	6.99E-09	3.06E-09	6.48E-08
2290	560793.8	4192610	1.35E-08	1.69E-08	1.33E-08	1.33E-08	1.33E-08	9.86E-09	5.98E-09	8.62E-08	9.64E-09	1.32E-08	1.03E-08	1.03E-08	1.03E-08	6.88E-09	3.01E-09	6.37E-08
2291	560788.6	4192600	1.33E-08	1.67E-08	1.31E-08	1.31E-08	1.31E-08	9.71E-09	5.88E-09	8.48E-08	9.48E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.77E-09	2.96E-09	6.27E-08
2292	560783.4	4192590	1.31E-08	1.64E-08	1.29E-08	1.29E-08	1.29E-08	9.56E-09	5.80E-09	8.35E-08	9.34E-09	1.28E-08	1.00E-08	1.00E-08	1.00E-08	6.66E-09	2.92E-09	6.17E-08
2293	560778.2	4192580	1.29E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	9.42E-09	5.71E-09	8.24E-08	9.21E-09	1.26E-08	9.85E-09	9.88E-09	9.85E-09	6.57E-09	2.88E-09	6.09E-08
2294	560828.4	4192697	1.47E-08	1.84E-08	1.45E-08	1.45E-08	1.45E-08	1.07E-08	6.50E-09	9.37E-08	1.05E-08	1.44E-08	1.12E-08	1.12E-08	1.12E-08	7.48E-09	3.27E-09	6.93E-08
2295	560823.2	4192687	1.45E-08	1.82E-08	1.43E-08	1.43E-08	1.43E-08	1.06E-08	6.41E-09	9.25E-08	1.03E-08	1.42E-08	1.11E-08	1.11E-08	1.11E-08	7.38E-09	3.23E-09	6.83E-08
2296	560818	4192677	1.42E-08	1.79E-08	1.41E-08	1.41E-08	1.41E-08	1.04E-08	6.32E-09	9.11E-08	1.02E-08	1.40E-08	1.09E-08	1.09E-08	1.09E-08	7.27E-09	3.18E-09	6.73E-08
2297	560812.8	4192667	1.40E-08	1.76E-08	1.38E-08	1.39E-08	1.38E-08	1.03E-08	6.22E-09	8.96E-08	1.00E-08	1.37E-08	1.07E-08	1.08E-08	1.07E-08	7.15E-09	3.13E-09	6.62E-08
2298	560807.5	4192657	1.38E-08	1.73E-08	1.36E-08	1.36E-08	1.36E-08	1.01E-08	6.11E-09	8.81E-08	9.85E-09	1.35E-08	1.05E-08	1.06E-08	1.05E-08	7.03E-09	3.08E-09	6.51E-08
2299	560802.3	4192647	1.35E-08	1.70E-08	1.34E-08	1.34E-08	1.34E-08	9.90E-09	6.00E-09	8.65E-08	9.67E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.90E-09	3.02E-09	6.39E-08
2300	560797.1	4192637	1.33E-08	1.67E-08	1.31E-08	1.32E-08	1.31E-08	9.73E-09	5.90E-09	8.50E-08	9.50E-09	1.30E-08	1.02E-08	1.02E-08	1.02E-08	6.78E-09	2.97E-09	6.28E-08
2301	560791.9	4192627	1.31E-08	1.64E-08	1.29E-08	1.29E-08	1.29E-08	9.56E-09	5.80E-09	8.36E-08	9.34E-09	1.28E-08	1.00E-08	1.00E-08	1.00E-08	6.66E-09	2.92E-09	6.17E-08
2302	560786.7	4192617	1.28E-08	1.62E-08	1.27E-08	1.27E-08	1.27E-08	9.40E-09	5.70E-09	8.22E-08	9.19E-09	1.26E-08	9.83E-09	9.86E-09	9.83E-09	6.55E-09	2.87E-09	6.07E-08
2303	560781.4	4192607	1.26E-08	1.59E-08	1.25E-08	1.25E-08	1.25E-08	9.25E-09	5.61E-09	8.09E-08	9.04E-09	1.24E-08	9.68E-09	9.70E-09	9.68E-09	6.45E-09	2.82E-09	5.98E-08
2304	560776.2	4192597	1.25E-08	1.57E-08	1.23E-08	1.23E-08	1.23E-08	9.11E-09	5.53E-09	7.97E-08	8.91E-09	1.22E-08	9.53E-09	9.56E-09	9.53E-09	6.35E-09	2.78E-09	5.89E-08
2305	560771	4192587	1.23E-08	1.54E-08	1.21E-08	1.22E-08	1.21E-08	8.99E-09	5.45E-09	7.85E-08	8.78E-09	1.20E-08	9.40E-09	9.42E-09	9.40E-09	6.27E-09	2.74E-09	5.80E-08
2306	560765.8	4192577	1.21E-08	1.52E-08	1.20E-08	1.20E-08	1.20E-08	8.88E-09	5.38E-09	7.76E-08	8.67E-09	1.19E-08	9.28E-09	9.31E-09	9.28E-09	6.19E-09	2.71E-09	5.73E-08
2307	560821.4	4192704	1.40E-08	1.76E-08	1.38E-08	1.38E-08	1.38E-08	1.02E-08	6.21E-09	8.95E-08	1.00E-08	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.14E-09	3.12E-09	6.61E-08
2308	560816.1	4192694	1.38E-08	1.74E-08	1.36E-08	1.37E-08	1.36E-08	1.01E-08	6.12E-09	8.83E-08	9.87E-09	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.04E-09	3.08E-09	6.52E-08
2309	560810.9	4192684	1.36E-08	1.71E-08	1.34E-08	1.35E-08	1.34E-08	9.95E-09	6.03E-09	8.70E-08	9.72E-09	1.33E-08	1.04E-08	1.04E-08	1.04E-08	6.94E-09	3.04E-09	6.43E-08
2310	560805.7	4192674	1.34E-08	1.68E-08	1.32E-08	1.32E-08	1.32E-08	9.79E-09	5.93E-09	8.55E-08	9.56E-09	1.31E-08	1.02E-08	1.03E-08	1.02E-08	6.82E-09	2.99E-09	6.32E-08
2311	560800.4	4192664	1.31E-08	1.65E-08	1.30E-08	1.30E-08	1.30E-08	9.62E-09	5.83E-09	8.41E-08	9.40E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.71E-09	2.94E-09	6.21E-08
2312	560795.2	4192654	1.29E-08	1.62E-08	1.27E-08	1.28E-08	1.27E-08	9.45E-09	5.73E-09	8.26E-08	9.24E-09	1.27E-08	9.88E-09	9.91E-09	9.88E-09	6.59E-09	2.89E-09	6.10E-08
2313	560790	4192644	1.27E-08	1.60E-08	1.25E-08	1.26E-08	1.25E-08	9.29E-09	5.63E-09	8.12E-08	9.07E-09	1.24E-08	9.71E-09	9.74E-09	9.71E-09	6.47E-09	2.83E-09	6.00E-08
2314	560784.7	4192634	1.25E-08	1.57E-08	1.23E-08	1.23E-08	1.23E-08	9.13E-09	5.53E-09	7.98E-08	8.92E-09	1.22E-08	9.54E-09	9.57E-09	9.54E-09	6.36E-09	2.79E-09	5.89E-08
2315	560779.5	4192623	1.23E-08	1.54E-08	1.21E-08	1.21E-08	1.21E-08	8.98E-09	5.44E-09	7.84E-08	8.77E-09	1.20E-08	9.39E-09	9.41E-09	9.39E-09	6.26E-09	2.74E-09	5.80E-08
2316	560774.3	4192613	1.21E-08	1.52E-08	1.19E-08	1.19E-08	1.19E-08	8.83E-09	5.36E-09	7.72E-08	8.63E-09	1.18E-08	9.24E-09	9.26E-09	9.24E-09	6.16E-09	2.70E-09	5.71E-08
2317	560769	4192603	1.19E-08	1.50E-08	1.17E-08	1.18E-08	1.17E-08	8.70E-09	5.27E-09	7.60E-08	8.50E-09	1.16E-08	9.10E-09	9.12E-09	9.10E-09	6.07E-09	2.66E-09	5.62E-08
2318	560763.8	4192593	1.17E-08	1.47E-08	1.16E-08	1.16E-08	1.16E-08	8.58E-09	5.20E-09	7.50E-08	8.38E-09	1.15E-08	8.97E-09	9.00E-09	8.97E-09	5.98E-09	2.62E-09	5.54E-08
2319	560758.6	4192583	1.16E-08	1.46E-08	1.14E-08	1.15E-08	1.14E-08	8.47E-09	5.14E-09	7.41E-08	8.28E-09	1.13E-08	8.86E-09	8.88E-09	8.86E-09	5.91E-09	2.59E-09	5.47E-08
2320	560814.3	4192711	1.34E-08	1.68E-08	1.32E-08	1.32E-08	1.32E-08	9.79E-09	5.93E-09	8.55E-08	9.56E-09	1.31E-08	1.02E-08	1.03E-08	1.02E-08	6.82E-09	2.99E-09	6.32E-08
2321	560809	4192701	1.32E-08	1.66E-08	1.30E-08	1.31E-08	1.30E-08	9.65E-09	5.85E-09	8.44E-08	9.43E-09	1.29E-08	1.01E-08	1.01E-08	1.01E-08	6.73E-09	2.95E-09	6.24E-08
2322	560803.8	4192691	1.30E-08	1.63E-08	1.28E-													

2363	560793.1	4192732	1.18E-08	1.48E-08	1.16E-08	1.16E-08	1.16E-08	8.61E-09	5.22E-09	7.52E-08	8.41E-09	1.15E-08	9.00E-09	9.03E-09	9.00E-09	6.00E-09	2.63E-09	5.56E-08
2364	560787.8	4192722	1.16E-08	1.46E-08	1.15E-08	1.15E-08	1.15E-08	8.49E-09	5.15E-09	7.42E-08	8.30E-09	1.14E-08	8.88E-09	8.91E-09	8.88E-09	5.92E-09	2.59E-09	5.48E-08
2365	560782.5	4192712	1.14E-08	1.44E-08	1.13E-08	1.13E-08	1.13E-08	8.37E-09	5.07E-09	7.31E-08	8.18E-09	1.12E-08	8.75E-09	8.77E-09	8.75E-09	5.83E-09	2.55E-09	5.40E-08
2366	560777.2	4192702	1.12E-08	1.41E-08	1.11E-08	1.11E-08	1.11E-08	8.23E-09	4.99E-09	7.20E-08	8.04E-09	1.10E-08	8.61E-09	8.63E-09	8.61E-09	5.74E-09	2.51E-09	5.32E-08
2367	560772	4192692	1.11E-08	1.39E-08	1.09E-08	1.09E-08	1.09E-08	8.09E-09	4.91E-09	7.07E-08	7.91E-09	1.08E-08	8.46E-09	8.49E-09	8.46E-09	5.64E-09	2.47E-09	5.23E-08
2368	560766.7	4192681	1.09E-08	1.37E-08	1.07E-08	1.08E-08	1.07E-08	7.96E-09	4.82E-09	6.95E-08	7.77E-09	1.07E-08	8.32E-09	8.34E-09	8.32E-09	5.55E-09	2.43E-09	5.14E-08
2369	560761.4	4192671	1.07E-08	1.34E-08	1.05E-08	1.06E-08	1.05E-08	7.82E-09	4.74E-09	6.83E-08	7.64E-09	1.05E-08	8.17E-09	8.20E-09	8.17E-09	5.45E-09	2.39E-09	5.05E-08
2370	560756.1	4192661	1.05E-08	1.32E-08	1.04E-08	1.04E-08	1.04E-08	7.68E-09	4.66E-09	6.72E-08	7.51E-09	1.03E-08	8.03E-09	8.06E-09	8.03E-09	5.36E-09	2.35E-09	4.96E-08
2371	560750.9	4192651	1.03E-08	1.30E-08	1.02E-08	1.02E-08	1.02E-08	7.56E-09	4.58E-09	6.60E-08	7.38E-09	1.01E-08	7.90E-09	7.92E-09	7.90E-09	5.27E-09	2.31E-09	4.88E-08
2372	560745.6	4192641	1.02E-08	1.28E-08	1.00E-08	1.01E-08	1.00E-08	7.44E-09	4.51E-09	6.50E-08	7.27E-09	9.96E-09	7.78E-09	7.80E-09	7.78E-09	5.19E-09	2.27E-09	4.80E-08
2373	560740.3	4192631	1.00E-08	1.26E-08	9.88E-09	9.90E-09	9.88E-09	7.32E-09	4.44E-09	6.40E-08	7.16E-09	9.81E-09	7.66E-09	7.68E-09	7.66E-09	5.11E-09	2.24E-09	4.73E-08
2374	560735	4192621	9.87E-09	1.24E-08	9.74E-09	9.76E-09	9.74E-09	7.22E-09	4.38E-09	6.31E-08	7.06E-09	9.67E-09	7.55E-09	7.57E-09	7.55E-09	5.03E-09	2.20E-09	4.66E-08
2375	560729.8	4192611	9.74E-09	1.23E-08	9.61E-09	9.64E-09	9.61E-09	7.13E-09	4.32E-09	6.23E-08	6.97E-09	9.55E-09	7.46E-09	7.48E-09	7.46E-09	4.97E-09	2.18E-09	4.60E-08
2376	560724.5	4192601	9.64E-09	1.21E-08	9.51E-09	9.54E-09	9.51E-09	7.05E-09	4.27E-09	6.16E-08	6.89E-09	9.44E-09	7.37E-09	7.39E-09	7.37E-09	4.92E-09	2.15E-09	4.55E-08
2377	560719.2	4192590	9.54E-09	1.20E-08	9.42E-09	9.44E-09	9.42E-09	6.98E-09	4.23E-09	6.10E-08	6.82E-09	9.35E-09	7.30E-09	7.32E-09	7.30E-09	4.87E-09	2.13E-09	4.51E-08
2378	560786	4192739	1.13E-08	1.42E-08	1.11E-08	1.12E-08	1.11E-08	8.27E-09	5.01E-09	7.22E-08	8.08E-09	1.11E-08	8.64E-09	8.67E-09	8.64E-09	5.76E-09	2.52E-09	5.34E-08
2379	560780.7	4192729	1.11E-08	1.40E-08	1.10E-08	1.10E-08	1.10E-08	8.16E-09	4.94E-09	7.13E-08	7.97E-09	1.09E-08	8.53E-09	8.55E-09	8.53E-09	5.69E-09	2.49E-09	5.27E-08
2380	560775.4	4192719	1.10E-08	1.38E-08	1.08E-08	1.09E-08	1.08E-08	8.03E-09	4.87E-09	7.02E-08	7.85E-09	1.08E-08	8.40E-09	8.42E-09	8.40E-09	5.60E-09	2.45E-09	5.19E-08
2381	560770.1	4192709	1.08E-08	1.36E-08	1.07E-08	1.07E-08	1.07E-08	7.91E-09	4.79E-09	6.91E-08	7.73E-09	1.06E-08	8.27E-09	8.29E-09	8.27E-09	5.51E-09	2.41E-09	5.11E-08
2382	560764.9	4192699	1.06E-08	1.34E-08	1.05E-08	1.05E-08	1.05E-08	7.77E-09	4.71E-09	6.79E-08	7.60E-09	1.04E-08	8.13E-09	8.15E-09	8.13E-09	5.42E-09	2.37E-09	5.02E-08
2383	560759.6	4192688	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.64E-09	4.63E-09	6.68E-08	7.47E-09	1.02E-08	7.99E-09	8.01E-09	7.99E-09	5.33E-09	2.33E-09	4.93E-08
2384	560754.3	4192678	1.03E-08	1.29E-08	1.01E-08	1.02E-08	1.01E-08	7.51E-09	4.55E-09	6.56E-08	7.34E-09	1.01E-08	7.85E-09	7.87E-09	7.85E-09	5.24E-09	2.29E-09	4.85E-08
2385	560749	4192668	1.01E-08	1.27E-08	9.95E-09	9.98E-09	9.95E-09	7.38E-09	4.47E-09	6.45E-08	7.21E-09	9.88E-09	7.72E-09	7.74E-09	7.72E-09	5.15E-09	2.25E-09	4.77E-08
2386	560743.7	4192658	9.92E-09	1.25E-08	9.79E-09	9.82E-09	9.79E-09	7.26E-09	4.40E-09	6.34E-08	7.09E-09	9.72E-09	7.59E-09	7.61E-09	7.59E-09	5.06E-09	2.22E-09	4.69E-08
2387	560738.4	4192648	9.76E-09	1.23E-08	9.63E-09	9.66E-09	9.63E-09	7.14E-09	4.33E-09	6.24E-08	6.98E-09	9.56E-09	7.47E-09	7.49E-09	7.47E-09	4.98E-09	2.18E-09	4.61E-08
2388	560733.2	4192638	9.61E-09	1.21E-08	9.49E-09	9.51E-09	9.49E-09	7.03E-09	4.26E-09	6.15E-08	6.87E-09	9.42E-09	7.36E-09	7.38E-09	7.36E-09	4.90E-09	2.15E-09	4.54E-08
2389	560727.9	4192628	9.48E-09	1.19E-08	9.35E-09	9.38E-09	9.35E-09	6.94E-09	4.20E-09	6.06E-08	6.78E-09	9.28E-09	7.25E-09	7.27E-09	7.25E-09	4.83E-09	2.12E-09	4.48E-08
2390	560722.6	4192618	9.36E-09	1.18E-08	9.23E-09	9.26E-09	9.23E-09	6.85E-09	4.15E-09	5.99E-08	6.69E-09	9.17E-09	7.16E-09	7.18E-09	7.16E-09	4.77E-09	2.09E-09	4.42E-08
2391	560717.3	4192607	9.25E-09	1.16E-08	9.13E-09	9.16E-09	9.13E-09	6.77E-09	4.11E-09	5.92E-08	6.62E-09	9.07E-09	7.08E-09	7.10E-09	7.08E-09	4.72E-09	2.07E-09	4.37E-08
2392	560712	4192597	9.17E-09	1.15E-08	9.05E-09	9.07E-09	9.05E-09	6.71E-09	4.07E-09	5.86E-08	6.55E-09	8.98E-09	7.01E-09	7.03E-09	7.01E-09	4.68E-09	2.05E-09	4.33E-08
2393	560706.7	4192587	9.09E-09	1.14E-08	8.97E-09	8.99E-09	8.97E-09	6.65E-09	4.03E-09	5.81E-08	6.50E-09	8.91E-09	6.96E-09	6.98E-09	6.96E-09	4.64E-09	2.03E-09	4.30E-08
2394	560778.9	4192746	1.09E-08	1.37E-08	1.07E-08	1.07E-08	1.07E-08	7.95E-09	4.82E-09	6.94E-08	7.76E-09	1.06E-08	8.31E-09	8.33E-09	8.31E-09	5.54E-09	2.43E-09	5.13E-08
2395	560773.6	4192736	1.07E-08	1.35E-08	1.06E-08	1.06E-08	1.06E-08	7.84E-09	4.75E-09	6.85E-08	7.66E-09	1.05E-08	8.20E-09	8.22E-09	8.20E-09	5.47E-09	2.39E-09	5.06E-08
2396	560768.3	4192726	1.06E-08	1.33E-08	1.04E-08	1.04E-08	1.04E-08	7.72E-09	4.68E-09	6.75E-08	7.55E-09	1.03E-08	8.08E-09	8.10E-09	8.08E-09	5.38E-09	2.36E-09	4.99E-08
2397	560763	4192716	1.04E-08	1.31E-08	1.03E-08	1.03E-08	1.03E-08	7.60E-09	4.61E-09	6.64E-08	7.43E-09	1.02E-08	7.95E-09	7.97E-09	7.95E-09	5.30E-09	2.32E-09	4.91E-08
2398	560757.8	4192706	1.02E-08	1.28E-08	1.01E-08	1.01E-08	1.01E-08	7.48E-09	4.53E-09	6.53E-08	7.30E-09	1.00E-08	7.82E-09	7.84E-09	7.82E-09	5.21E-09	2.28E-09	4.83E-08
2399	560752.5	4192695	1.00E-08	1.26E-08	9.91E-09	9.94E-09	9.91E-09	7.35E-09	4.45E-09	6.42E-08	7.18E-09	9.84E-09	7.68E-09	7.70E-09	7.68E-09	5.12E-09	2.24E-09	4.75E-08
2400	560747.2	4192685	9.87E-09	1.24E-08	9.74E-09	9.76E-09	9.74E-09	7.22E-09	4.38E-09	6.31E-08	7.06E-09	9.67E-09	7.55E-09	7.57E-09	7.55E-09	5.03E-09	2.20E-09	4.66E-08
2401	560741.9	4192675	9.70E-09	1.22E-08	9.57E-09	9.60E-09	9.57E-09	7.10E-09	4.30E-09	6.20E-08	6.94E-09	9.50E-09	7.42E-09	7.44E-09	7.42E-09	4.95E-09	2.17E-09	4.58E-08
2402	560736.6	4192665	9.54E-09	1.20E-08	9.41E-09	9.44E-09	9.41E-09	6.98E-09	4.23E-09	6.10E-08	6.82E-09	9.35E-09	7.30E-09	7.32E-09	7.30E-09	4.87E-09	2.13E-09	4.51E-08
2403	560731.3	4192655	9.39E-09	1.18E-08	9.26E-09	9.29E-09	9.26E-09	6.87E-09	4.16E-09	6.00E-08	6.71E-09	9.20E-09	7.18E-09	7.20E-09	7.18E-09	4.79E-09	2.10E-09	4.44E-08
2404	560726	4192645	9.24E-09	1.16E-08	9.12E-09	9.15E-09	9.12E-09	6.76E-09	4.10E-09	5.91E-08	6.61E-09	9.06E-09	7.07E-09	7.09E-09	7.07E-09	4.72E-09	2.06E-09	4.37E-08
2405	560720.7	4192635	9.11E-09	1.15E-08	8.99E-09	9.02E-09	8.99E-09	6.67E-09	4.04E-09	5.83E-08	6.51E-09	8.93E-09	6.97E-09	6.99E-09	6.97E-09	4.65E-09	2.04E-09	4.31E-08
2406	560715.4	4192624	9.00E-09	1.13E-08	8.88E-09	8.90E-09	8.88E-09	6.59E-09	3.99E-09	5.76E-08	6.43E-09	8.82E-09	6.89E-09	6.90E-09	6.89E-09	4.59E-09	2.01E-09	4.25E-08
2407	560710.1	4192614	8.90E-09	1.12E-08	8.78E-09	8.81E-09	8.78E-09	6.51E-09	3.95E-09	5.69E-08	6.36E-09	8.72E-09	6.81E-09	6.83E-09	6.81E-09	4.54E-09	1.99E-09	4.21E-08
2408	560704.8	4192604	8.81E-09	1.11E-08	8.70E-09	8.72E-09	8.70E-09	6.45E-09	3.91E-09	5.64E-08	6.30E-09	8.63E-09	6.74E-09	6.76E-09	6.74E-09	4.50E-09	1.97E-09	4.16E-08
2409	560699.5	4192594	8.74E-09	1.10E-08	8.62E-09	8.65E-09	8.62E-09	6.39E-09	3.88E-09	5.59E-08	6.25E-09	8.56E-09	6.69E-09	6.71E-09	6.69E-09	4.46E-09	1.95E-09	4.13E-08
2410	561025.5	4192215	8.48E-08	1.07E-07	8.37E-08	8.40E-08	8.37E-08	6.21E-08	3.76E-08	5.43E-07	6.07E-08	8.31E-08	6.49E-08	6.51E-08	6.49E-08	4.33E-08	1.90E-08	4.01E-07

		T4iRev							T4fRev							
		8.87E-03	1.12E-02	8.76E-03	8.78E-03	8.76E-03	6.49E-03	3.94E-03	6.35E-03	8.70E-03	6.79E-03	6.81E-03	6.79E-03	4.53E-03	1.98E-03	
UTM X	UTM Y	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	
1	560828.8	4192712	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.13E-04	4.93E-04	7.94E-04	1.09E-03	8.50E-04	8.53E-04	8.50E-04	5.67E-04	2.48E-04
2	560833.9	4192728	1.11E-03	1.39E-03	1.09E-03	1.10E-03	1.09E-03	8.11E-04	4.92E-04	7.93E-04	1.09E-03	8.48E-04	8.51E-04	8.48E-04	5.66E-04	2.48E-04
3	560824.7	4192721	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.86E-04	4.76E-04	7.67E-04	1.05E-03	8.21E-04	8.24E-04	8.21E-04	5.48E-04	2.40E-04
4	560827.4	4192736	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.77E-04	4.71E-04	7.59E-04	1.04E-03	8.12E-04	8.15E-04	8.12E-04	5.42E-04	2.37E-04
5	560817.8	4192728	1.03E-03	1.29E-03	1.01E-03	1.02E-03	1.01E-03	7.52E-04	4.56E-04	7.35E-04	1.01E-03	7.86E-04	7.89E-04	7.86E-04	5.24E-04	2.30E-04
6	560832.6	4192752	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.10E-04	8.07E-04	5.38E-04	2.36E-04
7	560823.2	4192745	1.03E-03	1.29E-03	1.01E-03	1.02E-03	1.01E-03	7.51E-04	4.55E-04	7.34E-04	1.01E-03	7.85E-04	7.87E-04	7.85E-04	5.23E-04	2.29E-04
8	560813.8	4192738	9.94E-04	1.25E-03	9.81E-04	9.84E-04	9.81E-04	7.28E-04	4.41E-04	7.11E-04	9.74E-04	7.61E-04	7.63E-04	7.61E-04	5.07E-04	2.22E-04
9	560828.2	4192761	1.02E-03	1.28E-03	1.00E-03	1.01E-03	1.00E-03	7.45E-04	4.52E-04	7.28E-04	9.98E-04	7.79E-04	7.81E-04	7.79E-04	5.19E-04	2.27E-04
10	560818.9	4192754	9.91E-04	1.25E-03	9.78E-04	9.81E-04	9.78E-04	7.26E-04	4.40E-04	7.09E-04	9.71E-04	7.59E-04	7.61E-04	7.59E-04	5.06E-04	2.21E-04
11	560809.6	4192747	9.63E-04	1.21E-03	9.50E-04	9.53E-04	9.50E-04	7.05E-04	4.27E-04	6.88E-04	9.43E-04	7.37E-04	7.39E-04	7.37E-04	4.91E-04	2.15E-04
12	560800.4	4192740	9.33E-04	1.17E-03	9.20E-04	9.23E-04	9.20E-04	6.83E-04	4.14E-04	6.67E-04	9.14E-04	7.14E-04	7.16E-04	7.14E-04	4.76E-04	2.08E-04
13	560831.7	4192776	1.00E-03	1.26E-03	9.90E-04	9.92E-04	9.90E-04	7.34E-04	4.45E-04	7.17E-04	9.83E-04	7.67E-04	7.70E-04	7.67E-04	5.12E-04	2.24E-04
14	560822.1	4192769	9.79E-04	1.23E-03	9.66E-04	9.69E-04	9.66E-04	7.17E-04	4.34E-04	7.00E-04	9.59E-04	7.49E-04	7.51E-04	7.49E-04	5.00E-04	2.19E-04
15	560812.5	4192762	9.53E-04	1.20E-03	9.41E-04	9.43E-04	9.41E-04	6.97E-04	4.23E-04	6.82E-04	9.34E-04	7.29E-04	7.31E-04	7.29E-04	4.86E-04	2.13E-04
16	560802.9	4192754	9.25E-04	1.16E-03	9.13E-04	9.15E-04	9.13E-04	6.77E-04	4.10E-04	6.61E-04	9.06E-04	7.08E-04	7.10E-04	7.08E-04	4.72E-04	2.07E-04
17	560793.4	4192747	8.96E-04	1.13E-03	8.84E-04	8.86E-04	8.84E-04	6.55E-04	3.97E-04	6.40E-04	8.78E-04	6.85E-04	6.87E-04	6.85E-04	4.57E-04	2.00E-04
18	560827.1	4192785	9.68E-04	1.22E-03	9.55E-04	9.58E-04	9.55E-04	7.08E-04	4.29E-04	6.92E-04	9.48E-04	7.41E-04	7.43E-04	7.41E-04	4.94E-04	2.16E-04
19	560817.7	4192778	9.46E-04	1.19E-03	9.34E-04	9.37E-04	9.34E-04	6.93E-04	4.20E-04	6.77E-04	9.27E-04	7.24E-04	7.26E-04	7.24E-04	4.83E-04	2.11E-04
20	560808.2	4192771	9.23E-04	1.16E-03	9.10E-04	9.13E-04	9.10E-04	6.75E-04	4.09E-04	6.60E-04	9.04E-04	7.06E-04	7.08E-04	7.06E-04	4.71E-04	2.06E-04
21	560798.8	4192764	8.97E-04	1.13E-03	8.85E-04	8.87E-04	8.85E-04	6.56E-04	3.98E-04	6.41E-04	8.79E-04	6.86E-04	6.88E-04	6.86E-04	4.58E-04	2.00E-04
22	560789.4	4192756	8.70E-04	1.09E-03	8.58E-04	8.61E-04	8.58E-04	6.37E-04	3.86E-04	6.22E-04	8.52E-04	6.66E-04	6.67E-04	6.66E-04	4.44E-04	1.94E-04
23	560998.7	4192564	7.21E-03	9.06E-03	7.11E-03	7.13E-03	7.11E-03	5.27E-03	3.20E-03	5.15E-03	7.06E-03	5.51E-03	5.53E-03	5.51E-03	3.68E-03	1.61E-03
24	561014.6	4192568	8.01E-03	1.01E-02	7.90E-03	7.93E-03	7.90E-03	5.86E-03	3.55E-03	5.73E-03	7.85E-03	6.13E-03	6.15E-03	6.13E-03	4.09E-03	1.79E-03
25	561030.5	4192573	8.32E-03	1.05E-02	8.21E-03	8.24E-03	8.21E-03	6.09E-03	3.69E-03	5.95E-03	8.15E-03	6.37E-03	6.39E-03	6.37E-03	4.25E-03	1.86E-03
26	560991.4	4192572	6.03E-03	7.59E-03	5.95E-03	5.97E-03	5.95E-03	4.42E-03	2.68E-03	4.31E-03	5.91E-03	4.62E-03	4.63E-03	4.62E-03	3.08E-03	1.35E-03
27	561004.1	4192576	6.57E-03	8.27E-03	6.49E-03	6.51E-03	6.49E-03	4.81E-03	2.92E-03	4.70E-03	6.44E-03	5.03E-03	5.04E-03	5.03E-03	3.35E-03	1.47E-03
28	561020	4192580	7.06E-03	8.87E-03	6.96E-03	6.98E-03	6.96E-03	5.16E-03	3.13E-03	5.05E-03	6.91E-03	5.40E-03	5.42E-03	5.40E-03	3.60E-03	1.58E-03
29	561035.9	4192584	7.29E-03	9.17E-03	7.20E-03	7.22E-03	7.20E-03	5.34E-03	3.24E-03	5.22E-03	7.15E-03	5.58E-03	5.60E-03	5.58E-03	3.72E-03	1.63E-03
30	560987.6	4192581	5.29E-03	6.65E-03	5.22E-03	5.24E-03	5.22E-03	3.87E-03	2.35E-03	3.78E-03	5.18E-03	4.05E-03	4.06E-03	4.05E-03	2.70E-03	1.18E-03
31	561001.5	4192585	5.75E-03	7.23E-03	5.67E-03	5.69E-03	5.67E-03	4.21E-03	2.55E-03	4.11E-03	5.63E-03	4.40E-03	4.41E-03	4.40E-03	2.93E-03	1.28E-03
32	561017.4	4192590	6.17E-03	7.75E-03	6.09E-03	6.10E-03	6.09E-03	4.51E-03	2.74E-03	4.41E-03	6.04E-03	4.72E-03	4.73E-03	4.72E-03	3.15E-03	1.38E-03
33	561033.2	4192594	6.43E-03	8.08E-03	6.34E-03	6.36E-03	6.34E-03	4.70E-03	2.85E-03	4.60E-03	6.30E-03	4.92E-03	4.93E-03	4.92E-03	3.28E-03	1.44E-03
34	560983.8	4192590	4.71E-03	5.92E-03	4.65E-03	4.66E-03	4.65E-03	3.45E-03	2.09E-03	3.37E-03	4.61E-03	3.60E-03	3.61E-03	3.60E-03	2.40E-03	1.05E-03
35	560998.9	4192595	5.11E-03	6.42E-03	5.04E-03	5.05E-03	5.04E-03	3.74E-03	2.27E-03	3.65E-03	5.00E-03	3.91E-03	3.92E-03	3.91E-03	2.60E-03	1.14E-03
36	561014.8	4192599	5.46E-03	6.87E-03	5.39E-03	5.41E-03	5.39E-03	4.00E-03	2.42E-03	3.91E-03	5.35E-03	4.18E-03	4.19E-03	4.18E-03	2.79E-03	1.22E-03
37	561030.6	4192604	5.72E-03	7.19E-03	5.64E-03	5.66E-03	5.64E-03	4.18E-03	2.54E-03	4.09E-03	5.60E-03	4.38E-03	4.39E-03	4.38E-03	2.92E-03	1.28E-03
38	560982.8	4192600	4.30E-03	5.41E-03	4.24E-03	4.25E-03	4.24E-03	3.15E-03	1.91E-03	3.07E-03	4.21E-03	3.29E-03	3.30E-03	3.29E-03	2.19E-03	9.60E-04
39	560996.3	4192605	4.59E-03	5.77E-03	4.53E-03	4.54E-03	4.53E-03	3.36E-03	2.04E-03	3.28E-03	4.50E-03	3.51E-03	3.52E-03	3.51E-03	2.34E-03	1.03E-03
40	561012.2	4192609	4.90E-03	6.16E-03	4.83E-03	4.85E-03	4.83E-03	3.58E-03	2.17E-03	3.50E-03	4.80E-03	3.75E-03	3.76E-03	3.75E-03	2.50E-03	1.09E-03
41	561028	4192613	5.13E-03	6.45E-03	5.06E-03	5.07E-03	5.06E-03	3.75E-03	2.28E-03	3.67E-03	5.02E-03	3.92E-03	3.94E-03	3.92E-03	2.62E-03	1.15E-03
42	560979.4	4192610	3.91E-03	4.91E-03	3.86E-03	3.87E-03	3.86E-03	2.86E-03	1.73E-03	2.79E-03	3.83E-03	2.99E-03	3.00E-03	2.99E-03	1.99E-03	8.73E-04
43	560993.7	4192614	4.17E-03	5.24E-03	4.11E-03	4.12E-03	4.11E-03	3.05E-03	1.85E-03	2.98E-03	4.08E-03	3.19E-03	3.20E-03	3.19E-03	2.13E-03	9.31E-04
44	561009.5	4192619	4.43E-03	5.57E-03	4.37E-03	4.38E-03	4.37E-03	3.24E-03	1.96E-03	3.17E-03	4.34E-03	3.39E-03	3.40E-03	3.39E-03	2.26E-03	9.89E-04
45	561025.4	4192623	4.63E-03	5.83E-03	4.57E-03	4.59E-03	4.57E-03	3.39E-03	2.06E-03	3.31E-03	4.54E-03	3.55E-03	3.56E-03	3.55E-03	2.36E-03	1.04E-03
46	560976	4192619	3.58E-03	4.50E-03	3.53E-03	3.54E-03	3.53E-03	2.62E-03	1.59E-03	2.56E-03	3.51E-03	2.74E-03	2.75E-03	2.74E-03	1.83E-03	8.00E-04
47	560991.1	4192624	3.81E-03	4.79E-03	3.76E-03	3.77E-03	3.76E-03	2.79E-03	1.69E-03	2.72E-03	3.73E-03	2.91E-03	2.92E-03	2.91E-03	1.94E-03	8.51E-04
48	561006.9	4192628	4.04E-03	5.07E-03	3.98E-03	3.99E-03	3.98E-03	2.95E-03	1.79E-03	2.89E-03	3.95E-03	3.09E-03	3.10E-03	3.09E-03	2.06E-03	9.01E-04
49	561022.8	4192633	4.21E-03	5.30E-03	4.16E-03	4.17E-03	4.16E-03	3.08E-03	1.87E-03	3.01E-03	4.13E-03	3.22E-03	3.23E-03	3.22E-03	2.15E-03	9.41E-04
50	560974.6	4192629	3.32E-03	4.18E-03	3.28E-03	3.29E-03	3.28E-03	2.43E-03	1.48E-03	2.38E-03	3.26E-03	2.54E-03	2.55E-03	2.54E-03	1.70E-03	7.43E-04
51	560962.8	4192624	3.17E-03	3.98E-03	3.12E-03	3.13E-03	3.12E-03	2.32E-03	1.40E-03	2.26E-03	3.10E-03	2.42E-03	2.43E-03	2.42E-03	1.62E-03	7.07E-04
52	560988.5	4192634	3.51E-03	4.41E-03	3.46E-03	3.47E-03	3.46E-03	2.57E-03	1.56E-03	2.51E-03	3.43E-03	2.68E-03	2.69E-03	2.68E-03	1.79E-03	7.83E-04
53	561004.3	4192638	3.70E-03	4.65E-03	3.65E-03	3.66E-03	3.65E-03	2.71E-03	1.64E-03	2.65E-03	3.62E-03	2.83E-03	2.84E-03	2.83E-03	1.89E-03	8.26E-04
54	561020.2	4192642	3.85E-03	4.84E-03	3.80E-03	3.81E-03	3.80E-03	2.82E-03	1.71E-03	2.75E-03	3.77E-03	2.95E-03	2.96E-03	2.95E-03	1.97E-03	8.60E-04
55	560971.4	4192639	3.08E-03	3.87E-03	3.04E-03	3.05E-03										

78	560991.3	4192686	2.55E-03	3.21E-03	2.52E-03	2.53E-03	2.52E-03	1.87E-03	1.13E-03	1.83E-03	2.50E-03	1.95E-03	1.96E-03	1.95E-03	1.30E-03	5.71E-04
79	561007.2	4192691	2.62E-03	3.30E-03	2.59E-03	2.59E-03	2.59E-03	1.92E-03	1.16E-03	1.87E-03	2.57E-03	2.01E-03	2.01E-03	2.01E-03	1.34E-03	5.86E-04
80	560957.3	4192686	2.23E-03	2.81E-03	2.20E-03	2.21E-03	2.20E-03	1.63E-03	9.90E-04	1.60E-03	2.19E-03	1.71E-03	1.71E-03	1.71E-03	1.14E-03	4.99E-04
81	560942.2	4192680	2.14E-03	2.69E-03	2.11E-03	2.12E-03	2.11E-03	1.57E-03	9.50E-04	1.53E-03	2.10E-03	1.64E-03	1.64E-03	1.64E-03	1.09E-03	4.79E-04
82	560972.8	4192692	2.32E-03	2.91E-03	2.29E-03	2.29E-03	2.29E-03	1.69E-03	1.03E-03	1.66E-03	2.27E-03	1.77E-03	1.78E-03	1.77E-03	1.18E-03	5.17E-04
83	560988.7	4192696	2.39E-03	3.01E-03	2.36E-03	2.37E-03	2.36E-03	1.75E-03	1.06E-03	1.71E-03	2.35E-03	1.83E-03	1.84E-03	1.83E-03	1.22E-03	5.35E-04
84	561004.6	4192700	2.45E-03	3.08E-03	2.42E-03	2.43E-03	2.42E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.88E-03	1.88E-03	1.88E-03	1.25E-03	5.48E-04
85	560955.6	4192696	2.11E-03	2.66E-03	2.09E-03	2.09E-03	2.09E-03	1.55E-03	9.38E-04	1.51E-03	2.07E-03	1.62E-03	1.62E-03	1.62E-03	1.08E-03	4.72E-04
86	560942.2	4192691	2.05E-03	2.57E-03	2.02E-03	2.02E-03	2.02E-03	1.50E-03	9.08E-04	1.46E-03	2.00E-03	1.57E-03	1.57E-03	1.57E-03	1.04E-03	4.57E-04
87	560970.2	4192701	2.18E-03	2.74E-03	2.15E-03	2.16E-03	2.15E-03	1.60E-03	9.68E-04	1.56E-03	2.14E-03	1.67E-03	1.67E-03	1.67E-03	1.11E-03	4.88E-04
88	560986.1	4192706	2.25E-03	2.83E-03	2.22E-03	2.23E-03	2.22E-03	1.65E-03	9.98E-04	1.61E-03	2.21E-03	1.72E-03	1.73E-03	1.72E-03	1.15E-03	5.03E-04
89	561002	4192710	2.30E-03	2.89E-03	2.27E-03	2.27E-03	2.27E-03	1.68E-03	1.02E-03	1.64E-03	2.25E-03	1.76E-03	1.76E-03	1.76E-03	1.17E-03	5.13E-04
90	560952.6	4192706	2.00E-03	2.51E-03	1.97E-03	1.98E-03	1.97E-03	1.46E-03	8.87E-04	1.43E-03	1.96E-03	1.53E-03	1.53E-03	1.53E-03	1.02E-03	4.47E-04
91	560938.4	4192700	1.94E-03	2.43E-03	1.91E-03	1.92E-03	1.91E-03	1.42E-03	8.59E-04	1.38E-03	1.90E-03	1.48E-03	1.49E-03	1.48E-03	9.88E-04	4.33E-04
92	560967.6	4192711	2.06E-03	2.59E-03	2.03E-03	2.04E-03	2.03E-03	1.51E-03	9.14E-04	1.47E-03	2.02E-03	1.58E-03	1.58E-03	1.58E-03	1.05E-03	4.60E-04
93	560983.5	4192715	2.12E-03	2.67E-03	2.09E-03	2.10E-03	2.09E-03	1.55E-03	9.40E-04	1.52E-03	2.08E-03	1.62E-03	1.63E-03	1.62E-03	1.08E-03	4.73E-04
94	560999.4	4192720	2.16E-03	2.72E-03	2.13E-03	2.14E-03	2.13E-03	1.58E-03	9.58E-04	1.54E-03	2.12E-03	1.65E-03	1.66E-03	1.65E-03	1.10E-03	4.83E-04
95	560949.6	4192715	1.90E-03	2.38E-03	1.87E-03	1.88E-03	1.87E-03	1.39E-03	8.41E-04	1.36E-03	1.86E-03	1.45E-03	1.45E-03	1.45E-03	9.67E-04	4.23E-04
96	560934.7	4192709	1.84E-03	2.31E-03	1.81E-03	1.82E-03	1.81E-03	1.34E-03	8.14E-04	1.31E-03	1.80E-03	1.40E-03	1.41E-03	1.40E-03	9.37E-04	4.10E-04
97	560965	4192721	1.95E-03	2.45E-03	1.92E-03	1.93E-03	1.92E-03	1.43E-03	8.65E-04	1.39E-03	1.91E-03	1.49E-03	1.50E-03	1.49E-03	9.95E-04	4.36E-04
98	560980.9	4192725	2.00E-03	2.52E-03	1.97E-03	1.98E-03	1.97E-03	1.46E-03	8.88E-04	1.43E-03	1.96E-03	1.53E-03	1.54E-03	1.53E-03	1.02E-03	4.47E-04
99	560996.8	4192729	2.03E-03	2.56E-03	2.01E-03	2.01E-03	2.01E-03	1.49E-03	9.03E-04	1.46E-03	1.99E-03	1.56E-03	1.56E-03	1.56E-03	1.04E-03	4.55E-04
100	560947.7	4192725	1.80E-03	2.27E-03	1.78E-03	1.78E-03	1.78E-03	1.32E-03	8.00E-04	1.29E-03	1.77E-03	1.38E-03	1.38E-03	1.38E-03	9.20E-04	4.03E-04
101	560934.2	4192720	1.76E-03	2.21E-03	1.73E-03	1.74E-03	1.73E-03	1.29E-03	7.79E-04	1.26E-03	1.72E-03	1.34E-03	1.35E-03	1.34E-03	8.96E-04	3.92E-04
102	560962.4	4192730	1.85E-03	2.32E-03	1.82E-03	1.83E-03	1.82E-03	1.35E-03	8.20E-04	1.32E-03	1.81E-03	1.41E-03	1.42E-03	1.41E-03	9.43E-04	4.13E-04
103	560978.3	4192735	1.89E-03	2.38E-03	1.87E-03	1.87E-03	1.87E-03	1.38E-03	8.39E-04	1.35E-03	1.85E-03	1.45E-03	1.45E-03	1.45E-03	9.65E-04	4.23E-04
104	560994.2	4192739	1.92E-03	2.42E-03	1.90E-03	1.90E-03	1.90E-03	1.41E-03	8.52E-04	1.37E-03	1.88E-03	1.47E-03	1.47E-03	1.47E-03	9.80E-04	4.29E-04
105	560939.9	4192754	1.56E-03	1.96E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.91E-04	1.11E-03	1.53E-03	1.19E-03	1.20E-03	1.19E-03	7.95E-04	3.48E-04
106	560926.3	4192749	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.77E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.79E-04	3.41E-04
107	560954.6	4192759	1.59E-03	2.00E-03	1.57E-03	1.57E-03	1.57E-03	1.16E-03	7.04E-04	1.14E-03	1.56E-03	1.21E-03	1.22E-03	1.21E-03	8.10E-04	3.55E-04
108	560970.5	4192764	1.62E-03	2.03E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.17E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.25E-04	3.61E-04
109	560986.4	4192768	1.63E-03	2.05E-03	1.61E-03	1.62E-03	1.61E-03	1.20E-03	7.25E-04	1.17E-03	1.60E-03	1.25E-03	1.25E-03	1.25E-03	8.33E-04	3.65E-04
110	560937	4192764	1.49E-03	1.87E-03	1.47E-03	1.47E-03	1.47E-03	1.09E-03	6.60E-04	1.06E-03	1.46E-03	1.14E-03	1.14E-03	1.14E-03	7.59E-04	3.32E-04
111	560922.8	4192758	1.46E-03	1.83E-03	1.44E-03	1.44E-03	1.44E-03	1.07E-03	6.47E-04	1.04E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	7.44E-04	3.26E-04
112	560952	4192769	1.51E-03	1.90E-03	1.49E-03	1.50E-03	1.49E-03	1.11E-03	6.71E-04	1.08E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	7.72E-04	3.38E-04
113	560967.9	4192773	1.54E-03	1.93E-03	1.52E-03	1.52E-03	1.52E-03	1.13E-03	6.82E-04	1.10E-03	1.51E-03	1.18E-03	1.18E-03	1.18E-03	7.85E-04	3.44E-04
114	560983.8	4192777	1.55E-03	1.95E-03	1.53E-03	1.54E-03	1.53E-03	1.14E-03	6.89E-04	1.11E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	7.92E-04	3.47E-04
115	560934.1	4192773	1.42E-03	1.79E-03	1.40E-03	1.41E-03	1.40E-03	1.04E-03	6.30E-04	1.02E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.25E-04	3.17E-04
116	560919.3	4192767	1.40E-03	1.75E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.19E-04	9.98E-04	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.12E-04	3.12E-04
117	560949.4	4192779	1.44E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.41E-04	1.03E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.37E-04	3.23E-04
118	560965.3	4192783	1.47E-03	1.84E-03	1.45E-03	1.45E-03	1.45E-03	1.07E-03	6.50E-04	1.05E-03	1.44E-03	1.12E-03	1.12E-03	1.12E-03	7.48E-04	3.27E-04
119	560981.2	4192787	1.48E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	1.08E-03	6.56E-04	1.06E-03	1.45E-03	1.13E-03	1.13E-03	1.13E-03	7.54E-04	3.30E-04
120	560932	4192783	1.36E-03	1.71E-03	1.34E-03	1.35E-03	1.34E-03	9.96E-04	6.04E-04	9.73E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.94E-04	3.04E-04
121	560918.4	4192778	1.34E-03	1.69E-03	1.32E-03	1.33E-03	1.32E-03	9.81E-04	5.95E-04	9.59E-04	1.31E-03	1.03E-03	1.03E-03	1.03E-03	6.84E-04	2.99E-04
122	560946.8	4192788	1.38E-03	1.74E-03	1.36E-03	1.37E-03	1.36E-03	1.01E-03	6.12E-04	9.87E-04	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.04E-04	3.08E-04
123	560962.7	4192793	1.40E-03	1.76E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.21E-04	1.00E-03	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.14E-04	3.12E-04
124	560978.6	4192797	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.19E-04	3.15E-04
125	560929.2	4192793	1.30E-03	1.64E-03	1.29E-03	1.29E-03	1.29E-03	9.54E-04	5.78E-04	9.32E-04	1.28E-03	9.97E-04	1.00E-03	9.97E-04	6.65E-04	2.91E-04
126	560915	4192787	1.28E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.40E-04	5.70E-04	9.19E-04	1.26E-03	9.83E-04	9.86E-04	9.83E-04	6.56E-04	2.87E-04
127	560944.2	4192798	1.32E-03	1.66E-03	1.30E-03	1.31E-03	1.30E-03	9.67E-04	5.86E-04	9.44E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.74E-04	2.95E-04
128	560960.1	4192802	1.34E-03	1.68E-03	1.32E-03	1.32E-03	1.32E-03	9.78E-04	5.93E-04	9.56E-04	1.31E-03	1.02E-03	1.03E-03	1.02E-03	6.82E-04	2.99E-04
129	560976	4192806	1.34E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.84E-04	5.96E-04	9.61E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.86E-04	3.00E-04
130	560926.3	4192802	1.25E-03	1.57E-03	1.23E-03	1.24E-03	1.23E-03	9.15E-04	5.54E-04	8.94E-04	1.22E-03	9.56E-04	9.59E-04	9.56E-04	6.38E-04	2.79E-04
131	560911.6	4192796	1.23E-03	1.55E-03	1.22E-03	1.22E-03	1.22E-03	9.02E-04	5.47E-04	8.81E-04	1.21E-03	9.43E-04	9.46E-04	9.43E-04	6.29E-04	2.75E-04
132	560941.6	4192808	1.26E-03	1.59E-03	1.25E-03	1.25E-03	1.25E-03	9.26E-04	5.61E-04	9.04E-04	1.24E-03	9.68E-04	9.71E-04	9.68E-04	6.45E-04	2.83E-04
133	560957.5	4192812	1.28E-03	1.61E-03	1.26E-03	1.27E-03	1.26E-03	9.36E-04	5.67E-04	9.14E-04	1.25E-03	9.78E-04	9.81E-04	9.78E-04	6.52E-04	2.86E-04
134	560973.4	4192816	1.28E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.40E-04	5.70E-04	9.						

159	561054.3	4192589	7.50E-03	9.43E-03	7.40E-03	7.42E-03	7.40E-03	5.49E-03	3.33E-03	5.36E-03	7.35E-03	5.74E-03	5.75E-03	5.74E-03	3.83E-03	1.68E-03
160	561063.5	4192592	7.59E-03	9.55E-03	7.49E-03	7.51E-03	7.49E-03	5.56E-03	3.37E-03	5.43E-03	7.44E-03	5.81E-03	5.83E-03	5.81E-03	3.87E-03	1.70E-03
161	561072.7	4192594	7.65E-03	9.62E-03	7.55E-03	7.57E-03	7.55E-03	5.60E-03	3.39E-03	5.47E-03	7.50E-03	5.85E-03	5.87E-03	5.85E-03	3.90E-03	1.71E-03
162	561081.9	4192597	7.65E-03	9.62E-03	7.55E-03	7.57E-03	7.55E-03	5.60E-03	3.39E-03	5.47E-03	7.50E-03	5.85E-03	5.87E-03	5.85E-03	3.90E-03	1.71E-03
163	561091.2	4192599	7.58E-03	9.53E-03	7.48E-03	7.50E-03	7.48E-03	5.54E-03	3.36E-03	5.42E-03	7.42E-03	5.80E-03	5.81E-03	5.80E-03	3.87E-03	1.69E-03
164	561100.4	4192602	7.41E-03	9.32E-03	7.31E-03	7.33E-03	7.31E-03	5.42E-03	3.29E-03	5.30E-03	7.26E-03	5.67E-03	5.69E-03	5.67E-03	3.78E-03	1.66E-03
165	561109.6	4192604	7.15E-03	8.99E-03	7.05E-03	7.07E-03	7.05E-03	5.23E-03	3.17E-03	5.11E-03	7.00E-03	5.47E-03	5.48E-03	5.47E-03	3.65E-03	1.60E-03
166	561118.8	4192607	6.78E-03	8.53E-03	6.69E-03	6.71E-03	6.69E-03	4.96E-03	3.01E-03	4.85E-03	6.64E-03	5.19E-03	5.20E-03	5.19E-03	3.46E-03	1.51E-03
167	561128	4192609	6.32E-03	7.94E-03	6.23E-03	6.25E-03	6.23E-03	4.62E-03	2.80E-03	4.52E-03	6.19E-03	4.83E-03	4.85E-03	4.83E-03	3.22E-03	1.41E-03
168	561051.7	4192599	6.63E-03	8.33E-03	6.54E-03	6.56E-03	6.54E-03	4.85E-03	2.94E-03	4.74E-03	6.49E-03	5.07E-03	5.09E-03	5.07E-03	3.38E-03	1.48E-03
169	561060.9	4192602	6.69E-03	8.41E-03	6.60E-03	6.62E-03	6.60E-03	4.90E-03	2.97E-03	4.78E-03	6.55E-03	5.12E-03	5.13E-03	5.12E-03	3.41E-03	1.49E-03
170	561070.1	4192604	6.72E-03	8.45E-03	6.63E-03	6.65E-03	6.63E-03	4.92E-03	2.98E-03	4.80E-03	6.58E-03	5.14E-03	5.15E-03	5.14E-03	3.43E-03	1.50E-03
171	561079.3	4192606	6.70E-03	8.42E-03	6.61E-03	6.63E-03	6.61E-03	4.90E-03	2.97E-03	4.79E-03	6.56E-03	5.13E-03	5.14E-03	5.13E-03	3.42E-03	1.50E-03
172	561088.5	4192609	6.62E-03	8.32E-03	6.53E-03	6.55E-03	6.53E-03	4.84E-03	2.94E-03	4.73E-03	6.49E-03	5.06E-03	5.08E-03	5.06E-03	3.38E-03	1.48E-03
173	561097.8	4192611	6.47E-03	8.14E-03	6.39E-03	6.40E-03	6.39E-03	4.74E-03	2.87E-03	4.63E-03	6.34E-03	4.95E-03	4.97E-03	4.95E-03	3.30E-03	1.45E-03
174	561107	4192614	6.25E-03	7.86E-03	6.17E-03	6.18E-03	6.17E-03	4.57E-03	2.77E-03	4.47E-03	6.12E-03	4.78E-03	4.80E-03	4.78E-03	3.19E-03	1.40E-03
175	561116.2	4192616	5.95E-03	7.49E-03	5.87E-03	5.89E-03	5.87E-03	4.36E-03	2.64E-03	4.26E-03	5.83E-03	4.56E-03	4.57E-03	4.56E-03	3.04E-03	1.33E-03
176	561125.4	4192619	5.59E-03	7.03E-03	5.52E-03	5.53E-03	5.52E-03	4.09E-03	2.48E-03	4.00E-03	5.48E-03	4.28E-03	4.29E-03	4.28E-03	2.85E-03	1.25E-03
177	561049.1	4192609	5.90E-03	7.42E-03	5.83E-03	5.84E-03	5.83E-03	4.32E-03	2.62E-03	4.22E-03	5.79E-03	4.52E-03	4.53E-03	4.52E-03	3.01E-03	1.32E-03
178	561058.3	4192611	5.95E-03	7.48E-03	5.87E-03	5.89E-03	5.87E-03	4.36E-03	2.64E-03	4.26E-03	5.83E-03	4.55E-03	4.57E-03	4.55E-03	3.04E-03	1.33E-03
179	561067.5	4192614	5.96E-03	7.50E-03	5.89E-03	5.90E-03	5.89E-03	4.36E-03	2.65E-03	4.26E-03	5.84E-03	4.56E-03	4.58E-03	4.56E-03	3.04E-03	1.33E-03
180	561076.7	4192616	5.93E-03	7.46E-03	5.86E-03	5.87E-03	5.86E-03	4.34E-03	2.63E-03	4.24E-03	5.81E-03	4.54E-03	4.55E-03	4.54E-03	3.03E-03	1.33E-03
181	561085.9	4192619	5.85E-03	7.36E-03	5.78E-03	5.79E-03	5.78E-03	4.29E-03	2.60E-03	4.19E-03	5.74E-03	4.48E-03	4.49E-03	4.48E-03	2.99E-03	1.31E-03
182	561095.2	4192621	5.72E-03	7.20E-03	5.65E-03	5.66E-03	5.65E-03	4.19E-03	2.54E-03	4.09E-03	5.61E-03	4.38E-03	4.39E-03	4.38E-03	2.92E-03	1.28E-03
183	561104.4	4192624	5.53E-03	6.96E-03	5.46E-03	5.48E-03	5.46E-03	4.05E-03	2.46E-03	3.96E-03	5.42E-03	4.24E-03	4.25E-03	4.24E-03	2.82E-03	1.24E-03
184	561113.6	4192626	5.29E-03	6.66E-03	5.22E-03	5.24E-03	5.22E-03	3.87E-03	2.35E-03	3.79E-03	5.19E-03	4.05E-03	4.06E-03	4.05E-03	2.70E-03	1.18E-03
185	561122.8	4192629	5.00E-03	6.29E-03	4.94E-03	4.95E-03	4.94E-03	3.66E-03	2.22E-03	3.58E-03	4.90E-03	3.83E-03	3.84E-03	3.83E-03	2.55E-03	1.12E-03
186	561046.5	4192618	5.30E-03	6.66E-03	5.23E-03	5.24E-03	5.23E-03	3.88E-03	2.35E-03	3.79E-03	5.19E-03	4.05E-03	4.07E-03	4.05E-03	2.70E-03	1.18E-03
187	561055.7	4192621	5.34E-03	6.71E-03	5.27E-03	5.28E-03	5.27E-03	3.91E-03	2.37E-03	3.82E-03	5.23E-03	4.08E-03	4.10E-03	4.08E-03	2.72E-03	1.19E-03
188	561064.9	4192623	5.34E-03	6.72E-03	5.27E-03	5.28E-03	5.27E-03	3.91E-03	2.37E-03	3.82E-03	5.23E-03	4.09E-03	4.10E-03	4.09E-03	2.72E-03	1.19E-03
189	561074.1	4192626	5.31E-03	6.67E-03	5.24E-03	5.25E-03	5.24E-03	3.88E-03	2.35E-03	3.79E-03	5.20E-03	4.06E-03	4.07E-03	4.06E-03	2.71E-03	1.19E-03
190	561083.3	4192628	5.23E-03	6.58E-03	5.16E-03	5.18E-03	5.16E-03	3.83E-03	2.32E-03	3.74E-03	5.13E-03	4.00E-03	4.01E-03	4.00E-03	2.67E-03	1.17E-03
191	561092.6	4192631	5.11E-03	6.43E-03	5.05E-03	5.06E-03	5.05E-03	3.74E-03	2.27E-03	3.66E-03	5.01E-03	3.91E-03	3.93E-03	3.91E-03	2.61E-03	1.14E-03
192	561101.8	4192633	4.95E-03	6.23E-03	4.89E-03	4.90E-03	4.89E-03	3.63E-03	2.20E-03	3.54E-03	4.85E-03	3.79E-03	3.80E-03	3.79E-03	2.53E-03	1.11E-03
193	561111	4192636	4.75E-03	5.98E-03	4.69E-03	4.71E-03	4.69E-03	3.48E-03	2.11E-03	3.40E-03	4.66E-03	3.64E-03	3.65E-03	3.64E-03	2.43E-03	1.06E-03
194	561120.2	4192638	4.52E-03	5.69E-03	4.46E-03	4.47E-03	4.46E-03	3.31E-03	2.01E-03	3.23E-03	4.43E-03	3.46E-03	3.47E-03	3.46E-03	2.31E-03	1.01E-03
195	561043.9	4192628	4.78E-03	6.01E-03	4.72E-03	4.73E-03	4.72E-03	3.50E-03	2.12E-03	3.42E-03	4.69E-03	3.66E-03	3.67E-03	3.66E-03	2.44E-03	1.07E-03
196	561053.1	4192630	4.81E-03	6.05E-03	4.75E-03	4.76E-03	4.75E-03	3.52E-03	2.14E-03	3.44E-03	4.72E-03	3.68E-03	3.69E-03	3.68E-03	2.46E-03	1.08E-03
197	561062.3	4192633	4.81E-03	6.05E-03	4.75E-03	4.77E-03	4.75E-03	3.52E-03	2.14E-03	3.44E-03	4.72E-03	3.68E-03	3.70E-03	3.68E-03	2.46E-03	1.08E-03
198	561071.5	4192635	4.78E-03	6.01E-03	4.72E-03	4.73E-03	4.72E-03	3.50E-03	2.12E-03	3.42E-03	4.69E-03	3.66E-03	3.67E-03	3.66E-03	2.44E-03	1.07E-03
199	561080.7	4192638	4.71E-03	5.93E-03	4.65E-03	4.66E-03	4.65E-03	3.45E-03	2.09E-03	3.37E-03	4.62E-03	3.61E-03	3.62E-03	3.61E-03	2.40E-03	1.05E-03
200	561090	4192640	4.61E-03	5.80E-03	4.55E-03	4.56E-03	4.55E-03	3.37E-03	2.05E-03	3.30E-03	4.52E-03	3.53E-03	3.54E-03	3.53E-03	2.35E-03	1.03E-03
201	561099.2	4192643	4.47E-03	5.63E-03	4.42E-03	4.43E-03	4.42E-03	3.27E-03	1.98E-03	3.20E-03	4.38E-03	3.42E-03	3.43E-03	3.42E-03	2.28E-03	9.99E-04
202	561108.4	4192645	4.31E-03	5.42E-03	4.25E-03	4.26E-03	4.25E-03	3.15E-03	1.91E-03	3.08E-03	4.22E-03	3.30E-03	3.31E-03	3.30E-03	2.20E-03	9.62E-04
203	561117.6	4192648	4.11E-03	5.17E-03	4.06E-03	4.07E-03	4.06E-03	3.01E-03	1.83E-03	2.94E-03	4.03E-03	3.15E-03	3.16E-03	3.15E-03	2.10E-03	9.19E-04
204	561041.3	4192638	4.34E-03	5.46E-03	4.29E-03	4.30E-03	4.29E-03	3.18E-03	1.93E-03	3.11E-03	4.25E-03	3.32E-03	3.33E-03	3.32E-03	2.22E-03	9.70E-04
205	561050.5	4192640	4.37E-03	5.49E-03	4.31E-03	4.32E-03	4.31E-03	3.20E-03	1.94E-03	3.12E-03	4.28E-03	3.34E-03	3.35E-03	3.34E-03	2.23E-03	9.76E-04
206	561059.7	4192643	4.37E-03	5.49E-03	4.31E-03	4.32E-03	4.31E-03	3.20E-03	1.94E-03	3.12E-03	4.28E-03	3.34E-03	3.35E-03	3.34E-03	2.23E-03	9.76E-04
207	561068.9	4192645	4.34E-03	5.45E-03	4.28E-03	4.29E-03	4.28E-03	3.17E-03	1.92E-03	3.10E-03	4.25E-03	3.32E-03	3.33E-03	3.32E-03	2.21E-03	9.69E-04
208	561078.1	4192648	4.27E-03	5.38E-03	4.22E-03	4.23E-03	4.22E-03	3.13E-03	1.90E-03	3.06E-03	4.19E-03	3.27E-03	3.28E-03	3.27E-03	2.18E-03	9.55E-04
209	561087.3	4192650	4.19E-03	5.26E-03	4.13E-03	4.14E-03	4.13E-03	3.06E-03	1.86E-03	2.99E-03	4.10E-03	3.20E-03	3.21E-03	3.20E-03	2.14E-03	9.35E-04
210	561096.6	4192653	4.07E-03	5.12E-03	4.02E-03	4.03E-03	4.02E-03	2.98E-03	1.81E-03	2.91E-03	3.99E-03	3.11E-03	3.12E-03	3.11E-03	2.08E-03	9.09E-04
211	561105.8	4192655	3.93E-03	4.94E-03	3.88E-03	3.89E-03	3.88E-03	2.87E-03	1.74E-03	2.81E-03	3.85E-03	3.01E-03	3.01E-03	3.01E-03	2.00E-03	8.77E-04
212	561115	4192658	3.77E-03	4.74E-03	3.72E-03	3.73E-03	3.72E-03	2.76E-03	1.67E-03	2.69E-03	3.69E-03	2.88E-03	2.89E-03	2.88E-03	1.92E-03	8.42E-04
213	561038.7	4192647	3.96E-03	4.98E-03	3.91E-03	3.92E-03	3.91E-03	2.90E-03	1.76E-03	2.83E-03	3.88E-03	3.03E-03	3.04E-03	3.03E-03	2.02E-03	8.85E-04
214	561047.9	4192650	3.98E-03	5.01E-03	3.93E-03	3.94E-03	3.93E-03	2.92E-03	1.77E-03	2.85E-03	3.90E-03	3.05E-03	3.06E-03	3.05E-03	2.03E-03	8.90E-04
215	561057.1	4192652	3.98E-03	5.01E-03	3.93E-03	3.94E-03	3.93E-03	2.								

240	561030.8	4192676	3.09E-03	3.89E-03	3.05E-03	3.06E-03	3.05E-03	2.26E-03	1.37E-03	2.21E-03	3.03E-03	2.36E-03	2.37E-03	2.36E-03	1.58E-03	6.90E-04
241	561040.1	4192679	3.10E-03	3.90E-03	3.06E-03	3.07E-03	3.06E-03	2.27E-03	1.38E-03	2.22E-03	3.04E-03	2.37E-03	2.38E-03	2.37E-03	1.58E-03	6.93E-04
242	561049.3	4192681	3.10E-03	3.89E-03	3.06E-03	3.06E-03	3.06E-03	2.27E-03	1.37E-03	2.21E-03	3.03E-03	2.37E-03	2.38E-03	2.37E-03	1.58E-03	6.92E-04
243	561058.5	4192684	3.08E-03	3.87E-03	3.04E-03	3.05E-03	3.04E-03	2.25E-03	1.37E-03	2.20E-03	3.01E-03	2.35E-03	2.36E-03	2.35E-03	1.57E-03	6.87E-04
244	561067.7	4192686	3.04E-03	3.82E-03	3.00E-03	3.01E-03	3.00E-03	2.23E-03	1.35E-03	2.18E-03	2.98E-03	2.33E-03	2.33E-03	2.33E-03	1.55E-03	6.79E-04
245	561076.9	4192689	2.99E-03	3.76E-03	2.95E-03	2.96E-03	2.95E-03	2.19E-03	1.33E-03	2.14E-03	2.93E-03	2.29E-03	2.30E-03	2.29E-03	1.53E-03	6.68E-04
246	561086.1	4192691	2.93E-03	3.68E-03	2.89E-03	2.90E-03	2.89E-03	2.14E-03	1.30E-03	2.09E-03	2.87E-03	2.24E-03	2.25E-03	2.24E-03	1.49E-03	6.54E-04
247	561095.4	4192694	2.85E-03	3.59E-03	2.82E-03	2.82E-03	2.82E-03	2.09E-03	1.27E-03	2.04E-03	2.80E-03	2.18E-03	2.19E-03	2.18E-03	1.46E-03	6.38E-04
248	561104.6	4192696	2.77E-03	3.48E-03	2.73E-03	2.74E-03	2.73E-03	2.03E-03	1.23E-03	1.98E-03	2.72E-03	2.12E-03	2.13E-03	2.12E-03	1.41E-03	6.19E-04
249	561028.2	4192686	2.87E-03	3.60E-03	2.83E-03	2.84E-03	2.83E-03	2.10E-03	1.27E-03	2.05E-03	2.81E-03	2.19E-03	2.20E-03	2.19E-03	1.46E-03	6.40E-04
250	561037.4	4192688	2.87E-03	3.61E-03	2.84E-03	2.84E-03	2.84E-03	2.10E-03	1.27E-03	2.06E-03	2.82E-03	2.20E-03	2.21E-03	2.20E-03	1.47E-03	6.42E-04
251	561046.7	4192691	2.87E-03	3.61E-03	2.83E-03	2.84E-03	2.83E-03	2.10E-03	1.27E-03	2.05E-03	2.81E-03	2.20E-03	2.20E-03	2.20E-03	1.46E-03	6.41E-04
252	561055.9	4192693	2.85E-03	3.59E-03	2.81E-03	2.82E-03	2.81E-03	2.09E-03	1.27E-03	2.04E-03	2.79E-03	2.18E-03	2.19E-03	2.18E-03	1.45E-03	6.37E-04
253	561065.1	4192696	2.82E-03	3.55E-03	2.78E-03	2.79E-03	2.78E-03	2.06E-03	1.25E-03	2.02E-03	2.76E-03	2.16E-03	2.16E-03	2.16E-03	1.44E-03	6.30E-04
254	561074.3	4192698	2.78E-03	3.49E-03	2.74E-03	2.75E-03	2.74E-03	2.03E-03	1.23E-03	1.99E-03	2.72E-03	2.13E-03	2.13E-03	2.13E-03	1.42E-03	6.20E-04
255	561083.5	4192701	2.72E-03	3.42E-03	2.69E-03	2.70E-03	2.69E-03	1.99E-03	1.21E-03	1.95E-03	2.67E-03	2.08E-03	2.09E-03	2.08E-03	1.39E-03	6.08E-04
256	561092.8	4192703	2.66E-03	3.34E-03	2.62E-03	2.63E-03	2.62E-03	1.95E-03	1.18E-03	1.90E-03	2.61E-03	2.04E-03	2.04E-03	2.04E-03	1.36E-03	5.94E-04
257	561102	4192706	2.59E-03	3.25E-03	2.55E-03	2.56E-03	2.55E-03	1.89E-03	1.15E-03	1.85E-03	2.54E-03	1.98E-03	1.99E-03	1.98E-03	1.32E-03	5.78E-04
258	561034.8	4192698	2.67E-03	3.36E-03	2.64E-03	2.64E-03	2.64E-03	1.96E-03	1.19E-03	1.91E-03	2.62E-03	2.04E-03	2.05E-03	2.04E-03	1.36E-03	5.97E-04
259	561044.1	4192701	2.67E-03	3.35E-03	2.63E-03	2.64E-03	2.63E-03	1.95E-03	1.18E-03	1.91E-03	2.61E-03	2.04E-03	2.05E-03	2.04E-03	1.36E-03	5.96E-04
260	561053.3	4192703	2.65E-03	3.33E-03	2.62E-03	2.62E-03	2.62E-03	1.94E-03	1.18E-03	1.90E-03	2.60E-03	2.03E-03	2.03E-03	2.03E-03	1.35E-03	5.92E-04
261	561062.5	4192706	2.62E-03	3.30E-03	2.59E-03	2.60E-03	2.59E-03	1.92E-03	1.16E-03	1.88E-03	2.57E-03	2.01E-03	2.01E-03	2.01E-03	1.34E-03	5.86E-04
262	561071.7	4192708	2.59E-03	3.25E-03	2.55E-03	2.56E-03	2.55E-03	1.89E-03	1.15E-03	1.85E-03	2.53E-03	1.98E-03	1.98E-03	1.98E-03	1.32E-03	5.78E-04
263	561080.9	4192710	2.54E-03	3.19E-03	2.51E-03	2.51E-03	2.51E-03	1.86E-03	1.13E-03	1.82E-03	2.49E-03	1.94E-03	1.95E-03	1.94E-03	1.30E-03	5.67E-04
264	561090.2	4192713	2.48E-03	3.12E-03	2.45E-03	2.46E-03	2.45E-03	1.82E-03	1.10E-03	1.78E-03	2.43E-03	1.90E-03	1.91E-03	1.90E-03	1.27E-03	5.55E-04
265	561099.4	4192715	2.42E-03	3.05E-03	2.39E-03	2.40E-03	2.39E-03	1.77E-03	1.07E-03	1.73E-03	2.37E-03	1.85E-03	1.86E-03	1.85E-03	1.24E-03	5.41E-04
266	561032.2	4192708	2.49E-03	3.13E-03	2.46E-03	2.47E-03	2.46E-03	1.82E-03	1.11E-03	1.78E-03	2.44E-03	1.91E-03	1.91E-03	1.91E-03	1.27E-03	5.57E-04
267	561041.5	4192710	2.49E-03	3.13E-03	2.45E-03	2.46E-03	2.45E-03	1.82E-03	1.10E-03	1.78E-03	2.44E-03	1.90E-03	1.91E-03	1.90E-03	1.27E-03	5.56E-04
268	561050.7	4192713	2.47E-03	3.11E-03	2.44E-03	2.45E-03	2.44E-03	1.81E-03	1.10E-03	1.77E-03	2.42E-03	1.89E-03	1.90E-03	1.89E-03	1.26E-03	5.52E-04
269	561059.9	4192715	2.45E-03	3.08E-03	2.42E-03	2.42E-03	2.42E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.87E-03	1.88E-03	1.87E-03	1.25E-03	5.47E-04
270	561069.1	4192718	2.42E-03	3.04E-03	2.38E-03	2.39E-03	2.38E-03	1.77E-03	1.07E-03	1.73E-03	2.37E-03	1.85E-03	1.85E-03	1.85E-03	1.23E-03	5.40E-04
271	561078.3	4192720	2.38E-03	2.99E-03	2.34E-03	2.35E-03	2.34E-03	1.74E-03	1.05E-03	1.70E-03	2.33E-03	1.82E-03	1.82E-03	1.82E-03	1.21E-03	5.31E-04
272	561087.5	4192723	2.33E-03	2.93E-03	2.30E-03	2.30E-03	2.30E-03	1.70E-03	1.03E-03	1.66E-03	2.28E-03	1.78E-03	1.79E-03	1.78E-03	1.19E-03	5.20E-04
273	561096.8	4192725	2.27E-03	2.86E-03	2.24E-03	2.25E-03	2.24E-03	1.66E-03	1.01E-03	1.63E-03	2.23E-03	1.74E-03	1.74E-03	1.74E-03	1.16E-03	5.08E-04
274	561029.6	4192717	2.33E-03	2.93E-03	2.30E-03	2.31E-03	2.30E-03	1.71E-03	1.03E-03	1.67E-03	2.28E-03	1.78E-03	1.79E-03	1.78E-03	1.19E-03	5.21E-04
275	561038.9	4192720	2.32E-03	2.92E-03	2.29E-03	2.30E-03	2.29E-03	1.70E-03	1.03E-03	1.66E-03	2.28E-03	1.78E-03	1.78E-03	1.78E-03	1.19E-03	5.19E-04
276	561048.1	4192722	2.31E-03	2.91E-03	2.28E-03	2.29E-03	2.28E-03	1.69E-03	1.03E-03	1.65E-03	2.26E-03	1.77E-03	1.77E-03	1.77E-03	1.18E-03	5.16E-04
277	561057.3	4192725	2.29E-03	2.88E-03	2.26E-03	2.27E-03	2.26E-03	1.68E-03	1.02E-03	1.64E-03	2.24E-03	1.75E-03	1.76E-03	1.75E-03	1.17E-03	5.12E-04
278	561066.5	4192727	2.26E-03	2.84E-03	2.23E-03	2.24E-03	2.23E-03	1.66E-03	1.00E-03	1.62E-03	2.22E-03	1.73E-03	1.74E-03	1.73E-03	1.15E-03	5.05E-04
279	561075.7	4192730	2.23E-03	2.80E-03	2.20E-03	2.20E-03	2.20E-03	1.63E-03	9.88E-04	1.59E-03	2.18E-03	1.70E-03	1.71E-03	1.70E-03	1.14E-03	4.97E-04
280	561084.9	4192732	2.18E-03	2.75E-03	2.16E-03	2.16E-03	2.16E-03	1.60E-03	9.69E-04	1.56E-03	2.14E-03	1.67E-03	1.68E-03	1.67E-03	1.11E-03	4.88E-04
281	561094.2	4192735	2.14E-03	2.69E-03	2.11E-03	2.12E-03	2.11E-03	1.56E-03	9.49E-04	1.53E-03	2.10E-03	1.64E-03	1.64E-03	1.64E-03	1.09E-03	4.78E-04
282	561027	4192727	2.18E-03	2.75E-03	2.16E-03	2.16E-03	2.16E-03	1.60E-03	9.69E-04	1.56E-03	2.14E-03	1.67E-03	1.68E-03	1.67E-03	1.11E-03	4.88E-04
283	561036.2	4192729	2.18E-03	2.74E-03	2.15E-03	2.16E-03	2.15E-03	1.60E-03	9.67E-04	1.56E-03	2.14E-03	1.67E-03	1.67E-03	1.67E-03	1.11E-03	4.87E-04
284	561045.5	4192732	2.17E-03	2.73E-03	2.14E-03	2.14E-03	2.14E-03	1.59E-03	9.61E-04	1.55E-03	2.12E-03	1.66E-03	1.66E-03	1.66E-03	1.11E-03	4.84E-04
285	561054.7	4192734	2.15E-03	2.70E-03	2.12E-03	2.13E-03	2.12E-03	1.57E-03	9.53E-04	1.54E-03	2.10E-03	1.64E-03	1.65E-03	1.64E-03	1.10E-03	4.80E-04
286	561063.9	4192737	2.12E-03	2.67E-03	2.10E-03	2.10E-03	2.10E-03	1.55E-03	9.42E-04	1.52E-03	2.08E-03	1.62E-03	1.63E-03	1.62E-03	1.08E-03	4.74E-04
287	561073.1	4192739	2.09E-03	2.63E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.28E-04	1.50E-03	2.05E-03	1.60E-03	1.61E-03	1.60E-03	1.07E-03	4.67E-04
288	561082.3	4192742	2.06E-03	2.59E-03	2.03E-03	2.03E-03	2.03E-03	1.50E-03	9.12E-04	1.47E-03	2.01E-03	1.57E-03	1.58E-03	1.57E-03	1.05E-03	4.59E-04
289	561091.6	4192744	2.01E-03	2.53E-03	1.99E-03	1.99E-03	1.99E-03	1.47E-03	8.94E-04	1.44E-03	1.97E-03	1.54E-03	1.55E-03	1.54E-03	1.03E-03	4.50E-04
290	561024.4	4192737	2.05E-03	2.58E-03	2.03E-03	2.03E-03	2.03E-03	1.50E-03	9.11E-04	1.47E-03	2.01E-03	1.57E-03	1.58E-03	1.57E-03	1.05E-03	4.59E-04
291	561033.6	4192739	2.05E-03	2.58E-03	2.02E-03	2.03E-03	2.02E-03	1.50E-03	9.09E-04	1.46E-03	2.01E-03	1.57E-03	1.57E-03	1.57E-03	1.04E-03	4.57E-04
292	561042.9	4192742	2.04E-03	2.56E-03	2.01E-03	2.02E-03	2.01E-03	1.49E-03	9.04E-04	1.46E-03	2.00E-03	1.56E-03	1.56E-03	1.56E-03	1.04E-03	4.55E-04
293	561052.1	4192744	2.02E-03	2.54E-03	1.99E-03	2.00E-03	1.99E-03	1.48E-03	8.96E-04	1.44E-03	1.98E-03	1.55E-03	1.55E-03	1.55E-03	1.03E-03	4.51E-04
294	561061.3	4192747	2.00E-03	2.51E-03	1.97E-03	1.98E-03	1.97E-03	1.46E-03	8.86E-04	1.43E-03	1.96E-03	1.53E-03	1.53E-03	1.53E-03	1.02E-03	4.46E-04
295	561070.5	4192749	1.97E-03	2.48E-03	1.94E-03	1.95E-03	1.94E-03	1.44E-03	8.74E-04	1.41E-03	1.93E-03	1.51E-03	1.51E-03	1.51E-03	1.00E-03	4.40E-04
296	561079.7	4192752	1.94E-03	2.44E-03	1.91E-03	1.92E-03	1.91E-03</									

321	561081.1	4192783	1.62E-03	2.03E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.17E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.24E-04	3.61E-04
322	561014	4192775	1.64E-03	2.06E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.26E-04	1.17E-03	1.60E-03	1.25E-03	1.26E-03	1.25E-03	8.35E-04	3.66E-04
323	561023.2	4192778	1.63E-03	2.05E-03	1.61E-03	1.61E-03	1.61E-03	1.19E-03	7.24E-04	1.17E-03	1.60E-03	1.25E-03	1.25E-03	1.25E-03	8.32E-04	3.64E-04
324	561032.4	4192780	1.62E-03	2.04E-03	1.60E-03	1.61E-03	1.60E-03	1.19E-03	7.20E-04	1.16E-03	1.59E-03	1.24E-03	1.24E-03	1.24E-03	8.28E-04	3.62E-04
325	561041.7	4192783	1.61E-03	2.02E-03	1.59E-03	1.59E-03	1.59E-03	1.18E-03	7.14E-04	1.15E-03	1.58E-03	1.23E-03	1.24E-03	1.23E-03	8.22E-04	3.60E-04
326	561050.9	4192785	1.60E-03	2.01E-03	1.57E-03	1.58E-03	1.57E-03	1.17E-03	7.08E-04	1.14E-03	1.56E-03	1.22E-03	1.22E-03	1.22E-03	8.14E-04	3.56E-04
327	561060.1	4192788	1.58E-03	1.98E-03	1.56E-03	1.56E-03	1.56E-03	1.15E-03	7.00E-04	1.13E-03	1.55E-03	1.21E-03	1.21E-03	1.21E-03	8.05E-04	3.52E-04
328	561069.3	4192790	1.56E-03	1.96E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.91E-04	1.11E-03	1.53E-03	1.19E-03	1.20E-03	1.19E-03	7.95E-04	3.48E-04
329	561078.5	4192793	1.54E-03	1.93E-03	1.52E-03	1.52E-03	1.52E-03	1.12E-03	6.81E-04	1.10E-03	1.50E-03	1.17E-03	1.18E-03	1.17E-03	7.83E-04	3.43E-04
330	561011.4	4192785	1.55E-03	1.95E-03	1.53E-03	1.54E-03	1.53E-03	1.14E-03	6.89E-04	1.11E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	7.93E-04	3.47E-04
331	561020.6	4192787	1.55E-03	1.95E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.87E-04	1.11E-03	1.52E-03	1.18E-03	1.19E-03	1.18E-03	7.90E-04	3.46E-04
332	561029.8	4192790	1.54E-03	1.94E-03	1.52E-03	1.52E-03	1.52E-03	1.13E-03	6.83E-04	1.10E-03	1.51E-03	1.18E-03	1.18E-03	1.18E-03	7.85E-04	3.44E-04
333	561039.1	4192792	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.78E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.80E-04	3.41E-04
334	561048.3	4192795	1.51E-03	1.90E-03	1.49E-03	1.50E-03	1.49E-03	1.11E-03	6.72E-04	1.08E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	7.73E-04	3.38E-04
335	561057.5	4192797	1.50E-03	1.88E-03	1.48E-03	1.48E-03	1.48E-03	1.10E-03	6.65E-04	1.07E-03	1.47E-03	1.15E-03	1.15E-03	1.15E-03	7.65E-04	3.35E-04
336	561066.7	4192800	1.48E-03	1.86E-03	1.46E-03	1.47E-03	1.46E-03	1.08E-03	6.57E-04	1.06E-03	1.45E-03	1.13E-03	1.14E-03	1.13E-03	7.55E-04	3.31E-04
337	561075.9	4192802	1.46E-03	1.84E-03	1.44E-03	1.45E-03	1.44E-03	1.07E-03	6.48E-04	1.04E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	7.45E-04	3.26E-04
338	561008.8	4192795	1.48E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	1.08E-03	6.55E-04	1.06E-03	1.45E-03	1.13E-03	1.13E-03	1.13E-03	7.54E-04	3.30E-04
339	561018	4192797	1.47E-03	1.85E-03	1.45E-03	1.46E-03	1.45E-03	1.08E-03	6.53E-04	1.05E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	7.51E-04	3.29E-04
340	561027.2	4192800	1.46E-03	1.84E-03	1.44E-03	1.45E-03	1.44E-03	1.07E-03	6.49E-04	1.05E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	7.47E-04	3.27E-04
341	561036.4	4192802	1.45E-03	1.83E-03	1.43E-03	1.44E-03	1.43E-03	1.06E-03	6.45E-04	1.04E-03	1.42E-03	1.11E-03	1.12E-03	1.11E-03	7.41E-04	3.25E-04
342	561045.7	4192805	1.44E-03	1.81E-03	1.42E-03	1.43E-03	1.42E-03	1.05E-03	6.39E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.35E-04	3.22E-04
343	561054.9	4192807	1.43E-03	1.79E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.33E-04	1.02E-03	1.40E-03	1.09E-03	1.09E-03	1.09E-03	7.28E-04	3.19E-04
344	561064.1	4192810	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.19E-04	3.15E-04
345	561073.3	4192812	1.39E-03	1.75E-03	1.37E-03	1.38E-03	1.37E-03	1.02E-03	6.17E-04	9.95E-04	1.36E-03	1.06E-03	1.07E-03	1.06E-03	7.10E-04	3.11E-04
346	561006.2	4192804	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.24E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.18E-04	3.14E-04
347	561015.4	4192807	1.40E-03	1.76E-03	1.38E-03	1.39E-03	1.38E-03	1.03E-03	6.22E-04	1.00E-03	1.37E-03	1.07E-03	1.08E-03	1.07E-03	7.15E-04	3.13E-04
348	561024.6	4192809	1.39E-03	1.75E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.18E-04	9.96E-04	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.11E-04	3.11E-04
349	561033.8	4192812	1.38E-03	1.74E-03	1.37E-03	1.37E-03	1.37E-03	1.01E-03	6.14E-04	9.89E-04	1.36E-03	1.06E-03	1.06E-03	1.06E-03	7.06E-04	3.09E-04
350	561043.1	4192814	1.37E-03	1.73E-03	1.35E-03	1.36E-03	1.35E-03	1.00E-03	6.09E-04	9.81E-04	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.00E-04	3.06E-04
351	561052.3	4192817	1.36E-03	1.71E-03	1.34E-03	1.34E-03	1.34E-03	9.94E-04	6.03E-04	9.72E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.93E-04	3.03E-04
352	561061.5	4192819	1.34E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.83E-04	5.96E-04	9.61E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.86E-04	3.00E-04
353	561070.7	4192822	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.71E-04	5.89E-04	9.49E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.77E-04	2.96E-04
354	561003.6	4192814	1.34E-03	1.69E-03	1.32E-03	1.33E-03	1.32E-03	9.82E-04	5.95E-04	9.59E-04	1.31E-03	1.03E-03	1.03E-03	1.03E-03	6.84E-04	3.00E-04
355	561012.8	4192816	1.34E-03	1.68E-03	1.32E-03	1.32E-03	1.32E-03	9.78E-04	5.93E-04	9.55E-04	1.31E-03	1.02E-03	1.03E-03	1.02E-03	6.82E-04	2.98E-04
356	561022	4192819	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.72E-04	5.89E-04	9.50E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
357	561031.2	4192821	1.32E-03	1.66E-03	1.30E-03	1.31E-03	1.30E-03	9.66E-04	5.85E-04	9.43E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.73E-04	2.95E-04
358	561040.5	4192824	1.31E-03	1.65E-03	1.29E-03	1.29E-03	1.29E-03	9.58E-04	5.81E-04	9.36E-04	1.28E-03	1.00E-03	1.00E-03	1.00E-03	6.68E-04	2.92E-04
359	561049.7	4192826	1.30E-03	1.63E-03	1.28E-03	1.28E-03	1.28E-03	9.49E-04	5.75E-04	9.27E-04	1.27E-03	9.92E-04	9.95E-04	9.92E-04	6.61E-04	2.90E-04
360	561058.9	4192829	1.28E-03	1.61E-03	1.27E-03	1.27E-03	1.27E-03	9.39E-04	5.69E-04	9.17E-04	1.26E-03	9.81E-04	9.84E-04	9.81E-04	6.54E-04	2.86E-04
361	561068.1	4192831	1.27E-03	1.59E-03	1.25E-03	1.25E-03	1.25E-03	9.28E-04	5.62E-04	9.06E-04	1.24E-03	9.70E-04	9.73E-04	9.70E-04	6.47E-04	2.83E-04
362	561001	4192824	1.28E-03	1.61E-03	1.26E-03	1.27E-03	1.26E-03	9.37E-04	5.68E-04	9.16E-04	1.25E-03	9.80E-04	9.83E-04	9.80E-04	6.53E-04	2.86E-04
363	561010.2	4192826	1.28E-03	1.60E-03	1.26E-03	1.26E-03	1.26E-03	9.33E-04	5.66E-04	9.12E-04	1.25E-03	9.76E-04	9.79E-04	9.76E-04	6.51E-04	2.85E-04
364	561019.4	4192829	1.27E-03	1.59E-03	1.25E-03	1.26E-03	1.25E-03	9.28E-04	5.63E-04	9.07E-04	1.24E-03	9.71E-04	9.73E-04	9.71E-04	6.47E-04	2.83E-04
365	561028.6	4192831	1.26E-03	1.58E-03	1.24E-03	1.25E-03	1.24E-03	9.22E-04	5.59E-04	9.01E-04	1.23E-03	9.64E-04	9.67E-04	9.64E-04	6.43E-04	2.81E-04
366	561037.9	4192834	1.25E-03	1.57E-03	1.23E-03	1.24E-03	1.23E-03	9.15E-04	5.54E-04	8.94E-04	1.22E-03	9.56E-04	9.59E-04	9.56E-04	6.38E-04	2.79E-04
367	561047.1	4192836	1.24E-03	1.56E-03	1.22E-03	1.23E-03	1.22E-03	9.06E-04	5.49E-04	8.85E-04	1.21E-03	9.48E-04	9.50E-04	9.48E-04	6.32E-04	2.77E-04
368	561056.3	4192838	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.97E-04	5.44E-04	8.76E-04	1.20E-03	9.38E-04	9.41E-04	9.38E-04	6.25E-04	2.74E-04
369	561065.5	4192841	1.21E-03	1.52E-03	1.20E-03	1.20E-03	1.20E-03	8.87E-04	5.38E-04	8.67E-04	1.19E-03	9.27E-04	9.30E-04	9.27E-04	6.18E-04	2.71E-04
370	560998.4	4192833	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.96E-04	5.43E-04	8.76E-04	1.20E-03	9.37E-04	9.40E-04	9.37E-04	6.25E-04	2.74E-04
371	561007.6	4192836	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.92E-04	5.41E-04	8.72E-04	1.19E-03	9.33E-04	9.36E-04	9.33E-04	6.22E-04	2.72E-04
372	561016.8	4192838	1.21E-03	1.52E-03	1.20E-03	1.20E-03	1.20E-03	8.87E-04	5.38E-04	8.67E-04	1.19E-03	9.28E-04	9.31E-04	9.28E-04	6.19E-04	2.71E-04
373	561026	4192841	1.20E-03	1.51E-03	1.19E-03	1.19E-03	1.19E-03	8.81E-04	5.34E-04	8.61E-04	1.18E-03	9.22E-04	9.24E-04	9.22E-04	6.15E-04	2.69E-04
374	561035.2	4192843	1.19E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.75E-04	5.30E-04	8.55E-04	1.17E-03	9.14E-04	9.17E-04	9.14E-04	6.10E-04	2.67E-04
375	561044.5	4192846	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.67E-04	5.25E-04	8.47E-04	1.16E-03	9.06E-04	9.09E-04	9.06E-04	6.04E-04	2.65E-04
376	561053.7	4192848	1.17E-03	1.47E-03	1.16E-03	1.16E-03	1.16E-03	8.58E-04	5.20E-04	8.39E-04	1.15E-03	8.97E-04	9.00E-04	8.97E-04	5.98E-04	2.62E-04
377	561062.9	4192851	1.16E-03	1.46E-03	1.14E-03	1.15E-03	1.14E-03	8.								

402	561196.1	4192493	6.15E-03	7.73E-03	6.07E-03	6.08E-03	6.07E-03	4.50E-03	2.73E-03	4.40E-03	6.02E-03	4.70E-03	4.72E-03	4.70E-03	3.14E-03	1.37E-03
403	561198.3	4192483	6.14E-03	7.72E-03	6.06E-03	6.08E-03	6.06E-03	4.49E-03	2.72E-03	4.39E-03	6.02E-03	4.70E-03	4.71E-03	4.70E-03	3.13E-03	1.37E-03
404	561200.4	4192474	6.09E-03	7.66E-03	6.01E-03	6.03E-03	6.01E-03	4.46E-03	2.70E-03	4.36E-03	5.97E-03	4.66E-03	4.67E-03	4.66E-03	3.11E-03	1.36E-03
405	561202.5	4192464	6.02E-03	7.57E-03	5.94E-03	5.95E-03	5.94E-03	4.40E-03	2.67E-03	4.30E-03	5.89E-03	4.60E-03	4.62E-03	4.60E-03	3.07E-03	1.34E-03
406	561204.7	4192455	5.94E-03	7.47E-03	5.86E-03	5.88E-03	5.86E-03	4.35E-03	2.63E-03	4.25E-03	5.82E-03	4.54E-03	4.56E-03	4.54E-03	3.03E-03	1.33E-03
407	561206.8	4192445	5.90E-03	7.42E-03	5.82E-03	5.84E-03	5.82E-03	4.32E-03	2.62E-03	4.22E-03	5.78E-03	4.51E-03	4.53E-03	4.51E-03	3.01E-03	1.32E-03
408	561208.9	4192435	5.85E-03	7.36E-03	5.78E-03	5.79E-03	5.78E-03	4.28E-03	2.60E-03	4.19E-03	5.74E-03	4.48E-03	4.49E-03	4.48E-03	2.99E-03	1.31E-03
409	561211.1	4192426	5.81E-03	7.31E-03	5.73E-03	5.75E-03	5.73E-03	4.25E-03	2.58E-03	4.16E-03	5.69E-03	4.45E-03	4.46E-03	4.45E-03	2.96E-03	1.30E-03
410	561213.2	4192416	5.76E-03	7.24E-03	5.69E-03	5.70E-03	5.69E-03	4.22E-03	2.56E-03	4.12E-03	5.65E-03	4.41E-03	4.42E-03	4.41E-03	2.94E-03	1.29E-03
411	561215.3	4192406	5.71E-03	7.18E-03	5.63E-03	5.65E-03	5.63E-03	4.18E-03	2.53E-03	4.08E-03	5.59E-03	4.37E-03	4.38E-03	4.37E-03	2.91E-03	1.27E-03
412	561188.8	4192572	4.48E-03	5.63E-03	4.42E-03	4.43E-03	4.42E-03	3.28E-03	1.99E-03	3.20E-03	4.39E-03	3.43E-03	3.44E-03	3.43E-03	2.28E-03	1.00E-03
413	561191	4192563	4.62E-03	5.81E-03	4.56E-03	4.57E-03	4.56E-03	3.38E-03	2.05E-03	3.30E-03	4.53E-03	3.54E-03	3.54E-03	3.54E-03	2.36E-03	1.03E-03
414	561193.1	4192553	4.76E-03	5.98E-03	4.69E-03	4.71E-03	4.69E-03	3.48E-03	2.11E-03	3.40E-03	4.66E-03	3.64E-03	3.65E-03	3.64E-03	2.43E-03	1.06E-03
415	561195.2	4192543	4.88E-03	6.13E-03	4.81E-03	4.83E-03	4.81E-03	3.57E-03	2.16E-03	3.49E-03	4.78E-03	3.73E-03	3.74E-03	3.73E-03	2.49E-03	1.09E-03
416	561197.4	4192534	4.98E-03	6.26E-03	4.91E-03	4.93E-03	4.91E-03	3.64E-03	2.21E-03	3.56E-03	4.88E-03	3.81E-03	3.82E-03	3.81E-03	2.54E-03	1.11E-03
417	561199.5	4192524	5.06E-03	6.36E-03	4.99E-03	5.00E-03	4.99E-03	3.70E-03	2.24E-03	3.62E-03	4.95E-03	3.87E-03	3.88E-03	3.87E-03	2.58E-03	1.13E-03
418	561201.6	4192514	5.11E-03	6.43E-03	5.05E-03	5.06E-03	5.05E-03	3.74E-03	2.27E-03	3.66E-03	5.01E-03	3.91E-03	3.92E-03	3.91E-03	2.61E-03	1.14E-03
419	561203.8	4192505	5.15E-03	6.48E-03	5.08E-03	5.10E-03	5.08E-03	3.77E-03	2.29E-03	3.68E-03	5.05E-03	3.94E-03	3.95E-03	3.94E-03	2.63E-03	1.15E-03
420	561205.9	4192495	5.17E-03	6.50E-03	5.10E-03	5.12E-03	5.10E-03	3.78E-03	2.29E-03	3.70E-03	5.07E-03	3.96E-03	3.97E-03	3.96E-03	2.64E-03	1.16E-03
421	561208	4192486	5.17E-03	6.50E-03	5.11E-03	5.12E-03	5.11E-03	3.79E-03	2.29E-03	3.70E-03	5.07E-03	3.96E-03	3.97E-03	3.96E-03	2.64E-03	1.16E-03
422	561210.2	4192476	5.14E-03	6.46E-03	5.07E-03	5.09E-03	5.07E-03	3.76E-03	2.28E-03	3.68E-03	5.04E-03	3.93E-03	3.95E-03	3.93E-03	2.62E-03	1.15E-03
423	561212.3	4192466	5.10E-03	6.41E-03	5.03E-03	5.05E-03	5.03E-03	3.73E-03	2.26E-03	3.65E-03	5.00E-03	3.90E-03	3.91E-03	3.90E-03	2.60E-03	1.14E-03
424	561214.4	4192457	5.05E-03	6.35E-03	4.98E-03	5.00E-03	4.98E-03	3.70E-03	2.24E-03	3.61E-03	4.95E-03	3.87E-03	3.88E-03	3.87E-03	2.58E-03	1.13E-03
425	561216.6	4192447	5.02E-03	6.31E-03	4.95E-03	4.97E-03	4.95E-03	3.67E-03	2.23E-03	3.59E-03	4.92E-03	3.84E-03	3.85E-03	3.84E-03	2.56E-03	1.12E-03
426	561218.7	4192437	4.98E-03	6.26E-03	4.91E-03	4.93E-03	4.91E-03	3.64E-03	2.21E-03	3.56E-03	4.88E-03	3.81E-03	3.82E-03	3.81E-03	2.54E-03	1.11E-03
427	561220.8	4192428	4.93E-03	6.20E-03	4.87E-03	4.88E-03	4.87E-03	3.61E-03	2.19E-03	3.53E-03	4.83E-03	3.78E-03	3.79E-03	3.78E-03	2.52E-03	1.10E-03
428	561223	4192418	4.87E-03	6.13E-03	4.81E-03	4.82E-03	4.81E-03	3.57E-03	2.16E-03	3.49E-03	4.78E-03	3.73E-03	3.74E-03	3.73E-03	2.49E-03	1.09E-03
429	561225.1	4192409	4.81E-03	6.05E-03	4.75E-03	4.76E-03	4.75E-03	3.52E-03	2.13E-03	3.44E-03	4.71E-03	3.68E-03	3.69E-03	3.68E-03	2.45E-03	1.07E-03
430	561229.4	4192389	4.64E-03	5.83E-03	4.57E-03	4.59E-03	4.57E-03	3.39E-03	2.06E-03	3.32E-03	4.54E-03	3.55E-03	3.56E-03	3.55E-03	2.37E-03	1.04E-03
431	561179.3	4192608	3.96E-03	4.98E-03	3.90E-03	3.92E-03	3.90E-03	2.90E-03	1.76E-03	2.83E-03	3.88E-03	3.03E-03	3.04E-03	3.03E-03	2.02E-03	8.84E-04
432	561163.8	4192617	4.31E-03	5.43E-03	4.26E-03	4.27E-03	4.26E-03	3.16E-03	1.91E-03	3.09E-03	4.23E-03	3.30E-03	3.31E-03	3.30E-03	2.20E-03	9.64E-04
433	561196.5	4192584	3.77E-03	4.74E-03	3.72E-03	3.73E-03	3.72E-03	2.76E-03	1.67E-03	2.70E-03	3.70E-03	2.89E-03	2.89E-03	2.89E-03	1.92E-03	8.43E-04
434	561198.6	4192574	3.88E-03	4.88E-03	3.83E-03	3.84E-03	3.83E-03	2.84E-03	1.72E-03	2.77E-03	3.80E-03	2.97E-03	2.98E-03	2.97E-03	1.98E-03	8.66E-04
435	561200.7	4192565	3.98E-03	5.00E-03	3.93E-03	3.94E-03	3.93E-03	2.91E-03	1.77E-03	2.85E-03	3.90E-03	3.05E-03	3.05E-03	3.05E-03	2.03E-03	8.89E-04
436	561202.9	4192555	4.08E-03	5.13E-03	4.03E-03	4.04E-03	4.03E-03	2.98E-03	1.81E-03	2.92E-03	4.00E-03	3.12E-03	3.13E-03	3.12E-03	2.08E-03	9.11E-04
437	561205	4192545	4.17E-03	5.24E-03	4.12E-03	4.13E-03	4.12E-03	3.05E-03	1.85E-03	2.98E-03	4.09E-03	3.19E-03	3.20E-03	3.19E-03	2.13E-03	9.31E-04
438	561207.1	4192536	4.25E-03	5.34E-03	4.19E-03	4.20E-03	4.19E-03	3.11E-03	1.88E-03	3.04E-03	4.16E-03	3.25E-03	3.26E-03	3.25E-03	2.17E-03	9.49E-04
439	561209.3	4192526	4.31E-03	5.42E-03	4.26E-03	4.27E-03	4.26E-03	3.16E-03	1.91E-03	3.08E-03	4.22E-03	3.30E-03	3.31E-03	3.30E-03	2.20E-03	9.63E-04
440	561211.4	4192517	4.36E-03	5.48E-03	4.30E-03	4.31E-03	4.30E-03	3.19E-03	1.93E-03	3.12E-03	4.27E-03	3.34E-03	3.35E-03	3.34E-03	2.22E-03	9.74E-04
441	561213.5	4192507	4.39E-03	5.52E-03	4.33E-03	4.35E-03	4.33E-03	3.21E-03	1.95E-03	3.14E-03	4.30E-03	3.36E-03	3.37E-03	3.36E-03	2.24E-03	9.81E-04
442	561215.7	4192497	4.41E-03	5.55E-03	4.35E-03	4.36E-03	4.35E-03	3.23E-03	1.96E-03	3.15E-03	4.32E-03	3.37E-03	3.38E-03	3.37E-03	2.25E-03	9.85E-04
443	561217.8	4192488	4.41E-03	5.55E-03	4.36E-03	4.37E-03	4.36E-03	3.23E-03	1.96E-03	3.16E-03	4.32E-03	3.38E-03	3.39E-03	3.38E-03	2.25E-03	9.86E-04
444	561219.9	4192478	4.40E-03	5.53E-03	4.34E-03	4.35E-03	4.34E-03	3.22E-03	1.95E-03	3.15E-03	4.31E-03	3.37E-03	3.38E-03	3.37E-03	2.24E-03	9.83E-04
445	561222.1	4192469	4.38E-03	5.50E-03	4.32E-03	4.33E-03	4.32E-03	3.20E-03	1.94E-03	3.13E-03	4.29E-03	3.35E-03	3.36E-03	3.35E-03	2.23E-03	9.78E-04
446	561224.2	4192459	4.35E-03	5.47E-03	4.29E-03	4.30E-03	4.29E-03	3.18E-03	1.93E-03	3.11E-03	4.26E-03	3.33E-03	3.34E-03	3.33E-03	2.22E-03	9.71E-04
447	561226.3	4192449	4.32E-03	5.43E-03	4.26E-03	4.27E-03	4.26E-03	3.16E-03	1.91E-03	3.09E-03	4.23E-03	3.30E-03	3.31E-03	3.30E-03	2.20E-03	9.64E-04
448	561228.5	4192440	4.28E-03	5.38E-03	4.22E-03	4.23E-03	4.22E-03	3.13E-03	1.90E-03	3.06E-03	4.19E-03	3.27E-03	3.28E-03	3.27E-03	2.18E-03	9.55E-04
449	561230.6	4192430	4.23E-03	5.32E-03	4.17E-03	4.19E-03	4.17E-03	3.10E-03	1.88E-03	3.03E-03	4.14E-03	3.24E-03	3.25E-03	3.24E-03	2.16E-03	9.45E-04
450	561232.7	4192420	4.18E-03	5.25E-03	4.12E-03	4.13E-03	4.12E-03	3.06E-03	1.85E-03	2.99E-03	4.09E-03	3.20E-03	3.20E-03	3.20E-03	2.13E-03	9.33E-04
451	561234.9	4192411	4.11E-03	5.17E-03	4.06E-03	4.07E-03	4.06E-03	3.01E-03	1.82E-03	2.94E-03	4.03E-03	3.15E-03	3.16E-03	3.15E-03	2.10E-03	9.18E-04
452	561239.1	4192392	3.95E-03	4.97E-03	3.90E-03	3.91E-03	3.90E-03	2.89E-03	1.75E-03	2.82E-03	3.87E-03	3.02E-03	3.03E-03	3.02E-03	2.01E-03	8.82E-04
453	561184.2	4192617	3.52E-03	4.43E-03	3.48E-03	3.49E-03	3.48E-03	2.58E-03	1.56E-03	2.52E-03	3.45E-03	2.69E-03	2.70E-03	2.69E-03	1.80E-03	7.87E-04
454	561169.4	4192626	3.80E-03	4.78E-03	3.75E-03	3.76E-03	3.75E-03	2.78E-03	1.68E-03	2.72E-03	3.72E-03	2.91E-03	2.91E-03	2.91E-03	1.94E-03	8.48E-04
455	561160.1	4192627	4.07E-03	5.12E-03	4.02E-03	4.03E-03	4.02E-03	2.98E-03	1.81E-03	2.91E-03	3.99E-03	3.11E-03	3.12E-03	3.11E-03	2.08E-03	9.09E-04
456	561206.2	4192586	3.32E-03	4.18E-03	3.28E-03	3.29E-03	3.28E-03	2.43E-03	1.47E-03	2.38E-03	3.26E-03	2.54E-03	2.55E-03	2.54E-03	1.70E-03	7.42E-04
457	561208.4	4192576	3.40E-03	4.28E-03	3.36E-03	3.37E-03	3.36E-03	2.49E-03	1.51E-03	2.43E-03	3.33E-03	2.60E-03	2.61E-03	2.60E-03	1.74E-03	7.60E-04
458	561210.5	4192567	3.48E-03	4.37E-03	3.43E-03	3.44E-03	3.43E-03									

483	561222.4	4192559	3.12E-03	3.93E-03	3.08E-03	3.09E-03	3.08E-03	2.29E-03	1.39E-03	2.23E-03	3.06E-03	2.39E-03	2.40E-03	2.39E-03	1.59E-03	6.97E-04
484	561224.5	4192550	3.17E-03	3.99E-03	3.13E-03	3.14E-03	3.13E-03	2.32E-03	1.41E-03	2.27E-03	3.11E-03	2.43E-03	2.44E-03	2.43E-03	1.62E-03	7.09E-04
485	561226.7	4192540	3.22E-03	4.05E-03	3.18E-03	3.19E-03	3.18E-03	2.36E-03	1.43E-03	2.30E-03	3.16E-03	2.47E-03	2.47E-03	2.47E-03	1.64E-03	7.20E-04
486	561228.8	4192531	3.26E-03	4.10E-03	3.22E-03	3.23E-03	3.22E-03	2.39E-03	1.45E-03	2.33E-03	3.20E-03	2.50E-03	2.50E-03	2.50E-03	1.67E-03	7.29E-04
487	561230.9	4192521	3.30E-03	4.15E-03	3.25E-03	3.26E-03	3.25E-03	2.41E-03	1.46E-03	2.36E-03	3.23E-03	2.52E-03	2.53E-03	2.52E-03	1.68E-03	7.36E-04
488	561233.1	4192511	3.32E-03	4.18E-03	3.28E-03	3.29E-03	3.28E-03	2.43E-03	1.47E-03	2.37E-03	3.25E-03	2.54E-03	2.55E-03	2.54E-03	1.69E-03	7.42E-04
489	561235.2	4192502	3.33E-03	4.19E-03	3.29E-03	3.30E-03	3.29E-03	2.44E-03	1.48E-03	2.38E-03	3.27E-03	2.55E-03	2.56E-03	2.55E-03	1.70E-03	7.45E-04
490	561237.3	4192492	3.34E-03	4.20E-03	3.30E-03	3.31E-03	3.30E-03	2.44E-03	1.48E-03	2.39E-03	3.27E-03	2.56E-03	2.56E-03	2.56E-03	1.70E-03	7.46E-04
491	561239.5	4192482	3.34E-03	4.20E-03	3.29E-03	3.30E-03	3.29E-03	2.44E-03	1.48E-03	2.39E-03	3.27E-03	2.55E-03	2.55E-03	2.55E-03	1.70E-03	7.45E-04
492	561241.6	4192473	3.32E-03	4.18E-03	3.28E-03	3.29E-03	3.28E-03	2.43E-03	1.47E-03	2.38E-03	3.26E-03	2.54E-03	2.55E-03	2.54E-03	1.70E-03	7.42E-04
493	561243.7	4192463	3.30E-03	4.15E-03	3.26E-03	3.27E-03	3.26E-03	2.42E-03	1.47E-03	2.36E-03	3.24E-03	2.53E-03	2.54E-03	2.53E-03	1.69E-03	7.38E-04
494	561245.9	4192454	3.28E-03	4.12E-03	3.23E-03	3.24E-03	3.23E-03	2.40E-03	1.45E-03	2.34E-03	3.21E-03	2.51E-03	2.51E-03	2.51E-03	1.67E-03	7.32E-04
495	561248	4192444	3.24E-03	4.08E-03	3.20E-03	3.21E-03	3.20E-03	2.37E-03	1.44E-03	2.32E-03	3.18E-03	2.48E-03	2.49E-03	2.48E-03	1.66E-03	7.25E-04
496	561250.1	4192434	3.21E-03	4.03E-03	3.16E-03	3.17E-03	3.16E-03	2.35E-03	1.42E-03	2.29E-03	3.14E-03	2.45E-03	2.46E-03	2.45E-03	1.64E-03	7.16E-04
497	561252.3	4192425	3.16E-03	3.98E-03	3.12E-03	3.13E-03	3.12E-03	2.31E-03	1.40E-03	2.26E-03	3.10E-03	2.42E-03	2.43E-03	2.42E-03	1.61E-03	7.06E-04
498	561254.4	4192415	3.11E-03	3.91E-03	3.07E-03	3.08E-03	3.07E-03	2.28E-03	1.38E-03	2.23E-03	3.05E-03	2.38E-03	2.39E-03	2.38E-03	1.59E-03	6.95E-04
499	561258.6	4192396	2.99E-03	3.76E-03	2.95E-03	2.96E-03	2.95E-03	2.19E-03	1.33E-03	2.14E-03	2.93E-03	2.29E-03	2.29E-03	2.29E-03	1.52E-03	6.67E-04
500	561204.8	4192620	2.83E-03	3.56E-03	2.79E-03	2.80E-03	2.79E-03	2.07E-03	1.26E-03	2.03E-03	2.77E-03	2.17E-03	2.17E-03	2.17E-03	1.44E-03	6.33E-04
501	561194.3	4192634	2.86E-03	3.60E-03	2.83E-03	2.83E-03	2.83E-03	2.10E-03	1.27E-03	2.05E-03	2.81E-03	2.19E-03	2.20E-03	2.19E-03	1.46E-03	6.40E-04
502	561180.2	4192643	3.05E-03	3.83E-03	3.01E-03	3.02E-03	3.01E-03	2.23E-03	1.35E-03	2.18E-03	2.99E-03	2.33E-03	2.34E-03	2.33E-03	1.55E-03	6.81E-04
503	561162.4	4192645	3.41E-03	4.29E-03	3.36E-03	3.37E-03	3.36E-03	2.50E-03	1.51E-03	2.44E-03	3.34E-03	2.61E-03	2.62E-03	2.61E-03	1.74E-03	7.62E-04
504	561153.5	4192647	3.57E-03	4.49E-03	3.52E-03	3.53E-03	3.52E-03	2.61E-03	1.58E-03	2.55E-03	3.50E-03	2.73E-03	2.74E-03	2.73E-03	1.82E-03	7.97E-04
505	561227.9	4192581	2.69E-03	3.38E-03	2.65E-03	2.66E-03	2.65E-03	1.97E-03	1.19E-03	1.92E-03	2.64E-03	2.06E-03	2.06E-03	2.06E-03	1.37E-03	6.01E-04
506	561230	4192571	2.73E-03	3.44E-03	2.70E-03	2.70E-03	2.70E-03	2.00E-03	1.21E-03	1.95E-03	2.68E-03	2.09E-03	2.10E-03	2.09E-03	1.39E-03	6.10E-04
507	561232.2	4192562	2.77E-03	3.49E-03	2.74E-03	2.74E-03	2.74E-03	2.03E-03	1.23E-03	1.98E-03	2.72E-03	2.12E-03	2.13E-03	2.12E-03	1.42E-03	6.20E-04
508	561234.3	4192552	2.81E-03	3.54E-03	2.78E-03	2.78E-03	2.78E-03	2.06E-03	1.25E-03	2.01E-03	2.76E-03	2.15E-03	2.16E-03	2.15E-03	1.44E-03	6.28E-04
509	561236.4	4192542	2.85E-03	3.58E-03	2.81E-03	2.82E-03	2.81E-03	2.09E-03	1.26E-03	2.04E-03	2.79E-03	2.18E-03	2.19E-03	2.18E-03	1.45E-03	6.37E-04
510	561238.6	4192533	2.88E-03	3.62E-03	2.84E-03	2.85E-03	2.84E-03	2.11E-03	1.28E-03	2.06E-03	2.82E-03	2.21E-03	2.21E-03	2.21E-03	1.47E-03	6.44E-04
511	561240.7	4192523	2.91E-03	3.66E-03	2.87E-03	2.88E-03	2.87E-03	2.13E-03	1.29E-03	2.08E-03	2.85E-03	2.23E-03	2.23E-03	2.23E-03	1.48E-03	6.50E-04
512	561242.8	4192513	2.93E-03	3.68E-03	2.89E-03	2.90E-03	2.89E-03	2.14E-03	1.30E-03	2.10E-03	2.87E-03	2.24E-03	2.25E-03	2.24E-03	1.49E-03	6.55E-04
513	561245	4192504	2.94E-03	3.70E-03	2.90E-03	2.91E-03	2.90E-03	2.15E-03	1.31E-03	2.10E-03	2.88E-03	2.25E-03	2.26E-03	2.25E-03	1.50E-03	6.57E-04
514	561247.1	4192494	2.95E-03	3.71E-03	2.91E-03	2.92E-03	2.91E-03	2.16E-03	1.31E-03	2.11E-03	2.89E-03	2.26E-03	2.26E-03	2.26E-03	1.50E-03	6.58E-04
515	561249.2	4192485	2.94E-03	3.70E-03	2.91E-03	2.91E-03	2.91E-03	2.15E-03	1.31E-03	2.11E-03	2.88E-03	2.25E-03	2.26E-03	2.25E-03	1.50E-03	6.58E-04
516	561251.4	4192475	2.93E-03	3.69E-03	2.90E-03	2.90E-03	2.90E-03	2.15E-03	1.30E-03	2.10E-03	2.87E-03	2.25E-03	2.25E-03	2.25E-03	1.50E-03	6.55E-04
517	561253.5	4192465	2.92E-03	3.67E-03	2.88E-03	2.89E-03	2.88E-03	2.13E-03	1.29E-03	2.09E-03	2.86E-03	2.23E-03	2.24E-03	2.23E-03	1.49E-03	6.52E-04
518	561255.6	4192456	2.89E-03	3.64E-03	2.86E-03	2.86E-03	2.86E-03	2.12E-03	1.28E-03	2.07E-03	2.84E-03	2.21E-03	2.22E-03	2.21E-03	1.48E-03	6.46E-04
519	561257.7	4192446	2.86E-03	3.60E-03	2.83E-03	2.84E-03	2.83E-03	2.10E-03	1.27E-03	2.05E-03	2.81E-03	2.19E-03	2.20E-03	2.19E-03	1.46E-03	6.40E-04
520	561259.9	4192437	2.83E-03	3.56E-03	2.79E-03	2.80E-03	2.79E-03	2.07E-03	1.26E-03	2.02E-03	2.77E-03	2.17E-03	2.17E-03	2.17E-03	1.44E-03	6.32E-04
521	561262	4192427	2.79E-03	3.51E-03	2.76E-03	2.76E-03	2.76E-03	2.04E-03	1.24E-03	2.00E-03	2.74E-03	2.14E-03	2.14E-03	2.14E-03	1.43E-03	6.24E-04
522	561268.4	4192398	2.64E-03	3.32E-03	2.61E-03	2.61E-03	2.61E-03	1.93E-03	1.17E-03	1.89E-03	2.59E-03	2.02E-03	2.03E-03	2.02E-03	1.35E-03	5.90E-04
523	561209.8	4192629	2.59E-03	3.25E-03	2.55E-03	2.56E-03	2.55E-03	1.89E-03	1.15E-03	1.85E-03	2.53E-03	1.98E-03	1.98E-03	1.98E-03	1.32E-03	5.77E-04
524	561199.4	4192643	2.61E-03	3.28E-03	2.58E-03	2.58E-03	2.58E-03	1.91E-03	1.16E-03	1.87E-03	2.56E-03	2.00E-03	2.00E-03	2.00E-03	1.33E-03	5.83E-04
525	561185.5	4192651	2.77E-03	3.48E-03	2.73E-03	2.74E-03	2.73E-03	2.02E-03	1.23E-03	1.98E-03	2.71E-03	2.12E-03	2.12E-03	2.12E-03	1.41E-03	6.18E-04
526	561168	4192654	3.07E-03	3.87E-03	3.03E-03	3.04E-03	3.03E-03	2.25E-03	1.36E-03	2.20E-03	3.01E-03	2.35E-03	2.36E-03	2.35E-03	1.57E-03	6.87E-04
527	561150.5	4192656	3.34E-03	4.20E-03	3.30E-03	3.30E-03	3.30E-03	2.44E-03	1.48E-03	2.39E-03	3.27E-03	2.56E-03	2.56E-03	2.56E-03	1.70E-03	7.46E-04
528	561237.7	4192583	2.42E-03	3.04E-03	2.39E-03	2.39E-03	2.39E-03	1.77E-03	1.07E-03	1.73E-03	2.37E-03	1.85E-03	1.86E-03	1.85E-03	1.23E-03	5.40E-04
529	561239.8	4192573	2.45E-03	3.08E-03	2.42E-03	2.43E-03	2.42E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.88E-03	1.88E-03	1.88E-03	1.25E-03	5.47E-04
530	561241.9	4192564	2.48E-03	3.12E-03	2.45E-03	2.46E-03	2.45E-03	1.82E-03	1.10E-03	1.77E-03	2.43E-03	1.90E-03	1.90E-03	1.90E-03	1.27E-03	5.54E-04
531	561244.1	4192554	2.51E-03	3.16E-03	2.48E-03	2.48E-03	2.48E-03	1.84E-03	1.11E-03	1.80E-03	2.46E-03	1.92E-03	1.93E-03	1.92E-03	1.28E-03	5.61E-04
532	561246.2	4192545	2.54E-03	3.19E-03	2.51E-03	2.51E-03	2.51E-03	1.86E-03	1.13E-03	1.82E-03	2.49E-03	1.94E-03	1.95E-03	1.94E-03	1.30E-03	5.67E-04
533	561248.3	4192535	2.57E-03	3.23E-03	2.53E-03	2.54E-03	2.53E-03	1.88E-03	1.14E-03	1.83E-03	2.51E-03	1.96E-03	1.97E-03	1.96E-03	1.31E-03	5.73E-04
534	561250.5	4192525	2.59E-03	3.25E-03	2.55E-03	2.56E-03	2.55E-03	1.89E-03	1.15E-03	1.85E-03	2.54E-03	1.98E-03	1.99E-03	1.98E-03	1.32E-03	5.78E-04
535	561252.6	4192516	2.60E-03	3.28E-03	2.57E-03	2.58E-03	2.57E-03	1.91E-03	1.16E-03	1.86E-03	2.55E-03	1.99E-03	2.00E-03	1.99E-03	1.33E-03	5.82E-04
536	561254.7	4192506	2.62E-03	3.29E-03	2.58E-03	2.59E-03	2.58E-03	1.91E-03	1.16E-03	1.87E-03	2.56E-03	2.00E-03	2.01E-03	2.00E-03	1.33E-03	5.84E-04
537	561256.9	4192496	2.62E-03	3.29E-03	2.59E-03	2.59E-03	2.59E-03	1.92E-03	1.16E-03	1.87E-03	2.57E-03	2.00E-03	2.01E-03	2.00E-03	1.34E-03	5.85E-04
538	561259	4192487	2.62E-03	3.29E-03	2.58E-03	2.59E-03	2.58E-03	1.92E-03	1.16E-03	1.87E-03	2.56E-03	2.00E-03	2.01E-03	2.00E-03	1.34E-03	5.85E-04
539	561261.1	4192477	2.61E-03	3.28E-03	2.57E-03	2.58E-03	2.57E-03	1.91								

564	561273	4192470	2.32E-03	2.92E-03	2.29E-03	2.30E-03	2.29E-03	1.70E-03	1.03E-03	1.66E-03	2.27E-03	1.78E-03	1.78E-03	1.78E-03	1.18E-03	5.18E-04
565	561275.1	4192460	2.30E-03	2.90E-03	2.27E-03	2.28E-03	2.27E-03	1.69E-03	1.02E-03	1.65E-03	2.26E-03	1.76E-03	1.77E-03	1.76E-03	1.18E-03	5.15E-04
566	561277.3	4192450	2.28E-03	2.87E-03	2.25E-03	2.26E-03	2.25E-03	1.67E-03	1.01E-03	1.63E-03	2.24E-03	1.75E-03	1.75E-03	1.75E-03	1.16E-03	5.10E-04
567	561279.4	4192441	2.26E-03	2.84E-03	2.23E-03	2.24E-03	2.23E-03	1.65E-03	1.00E-03	1.62E-03	2.21E-03	1.73E-03	1.73E-03	1.73E-03	1.15E-03	5.05E-04
568	561281.5	4192431	2.23E-03	2.81E-03	2.20E-03	2.21E-03	2.20E-03	1.63E-03	9.90E-04	1.60E-03	2.19E-03	1.71E-03	1.71E-03	1.71E-03	1.14E-03	4.99E-04
569	561287.9	4192402	2.12E-03	2.66E-03	2.09E-03	2.10E-03	2.09E-03	1.55E-03	9.40E-04	1.52E-03	2.08E-03	1.62E-03	1.63E-03	1.62E-03	1.08E-03	4.73E-04
570	561232.7	4192628	2.13E-03	2.68E-03	2.10E-03	2.11E-03	2.10E-03	1.56E-03	9.45E-04	1.52E-03	2.09E-03	1.63E-03	1.63E-03	1.63E-03	1.09E-03	4.76E-04
571	561227.1	4192636	2.16E-03	2.71E-03	2.13E-03	2.13E-03	2.13E-03	1.58E-03	9.57E-04	1.54E-03	2.11E-03	1.65E-03	1.65E-03	1.65E-03	1.10E-03	4.82E-04
572	561221.5	4192644	2.18E-03	2.74E-03	2.15E-03	2.16E-03	2.15E-03	1.59E-03	9.67E-04	1.56E-03	2.13E-03	1.67E-03	1.67E-03	1.67E-03	1.11E-03	4.87E-04
573	561215.9	4192652	2.19E-03	2.76E-03	2.17E-03	2.17E-03	2.17E-03	1.61E-03	9.74E-04	1.57E-03	2.15E-03	1.68E-03	1.68E-03	1.68E-03	1.12E-03	4.90E-04
574	561210.3	4192659	2.20E-03	2.77E-03	2.17E-03	2.18E-03	2.17E-03	1.61E-03	9.77E-04	1.57E-03	2.16E-03	1.69E-03	1.69E-03	1.69E-03	1.12E-03	4.92E-04
575	561195.1	4192669	2.33E-03	2.93E-03	2.30E-03	2.31E-03	2.30E-03	1.71E-03	1.03E-03	1.67E-03	2.29E-03	1.78E-03	1.79E-03	1.78E-03	1.19E-03	5.21E-04
576	561185.6	4192670	2.46E-03	3.10E-03	2.43E-03	2.44E-03	2.43E-03	1.80E-03	1.09E-03	1.76E-03	2.41E-03	1.88E-03	1.89E-03	1.88E-03	1.26E-03	5.50E-04
577	561176.1	4192671	2.59E-03	3.26E-03	2.56E-03	2.56E-03	2.56E-03	1.89E-03	1.15E-03	1.85E-03	2.54E-03	1.98E-03	1.99E-03	1.98E-03	1.32E-03	5.78E-04
578	561166.6	4192673	2.71E-03	3.41E-03	2.67E-03	2.68E-03	2.67E-03	1.98E-03	1.20E-03	1.94E-03	2.65E-03	2.07E-03	2.08E-03	2.07E-03	1.38E-03	6.05E-04
579	561157.1	4192674	2.81E-03	3.54E-03	2.78E-03	2.78E-03	2.78E-03	2.06E-03	1.25E-03	2.01E-03	2.76E-03	2.15E-03	2.16E-03	2.15E-03	1.44E-03	6.29E-04
580	561147.6	4192675	2.91E-03	3.65E-03	2.87E-03	2.88E-03	2.87E-03	2.13E-03	1.29E-03	2.08E-03	2.85E-03	2.22E-03	2.23E-03	2.22E-03	1.48E-03	6.49E-04
581	561231.8	4192645	2.00E-03	2.51E-03	1.97E-03	1.98E-03	1.97E-03	1.46E-03	8.86E-04	1.43E-03	1.96E-03	1.53E-03	1.53E-03	1.53E-03	1.02E-03	4.46E-04
582	561226.3	4192653	2.02E-03	2.53E-03	1.99E-03	1.99E-03	1.99E-03	1.48E-03	8.94E-04	1.44E-03	1.97E-03	1.54E-03	1.55E-03	1.54E-03	1.03E-03	4.50E-04
583	561220.8	4192660	2.03E-03	2.55E-03	2.00E-03	2.01E-03	2.00E-03	1.48E-03	9.00E-04	1.45E-03	1.99E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.53E-04
584	561215.3	4192668	2.04E-03	2.56E-03	2.01E-03	2.02E-03	2.01E-03	1.49E-03	9.03E-04	1.46E-03	2.00E-03	1.56E-03	1.56E-03	1.56E-03	1.04E-03	4.55E-04
585	561200.5	4192677	2.15E-03	2.70E-03	2.12E-03	2.13E-03	2.12E-03	1.57E-03	9.54E-04	1.54E-03	2.11E-03	1.65E-03	1.65E-03	1.65E-03	1.10E-03	4.80E-04
586	561191.1	4192678	2.26E-03	2.85E-03	2.23E-03	2.24E-03	2.23E-03	1.66E-03	1.00E-03	1.62E-03	2.22E-03	1.73E-03	1.74E-03	1.73E-03	1.16E-03	5.06E-04
587	561181.8	4192680	2.37E-03	2.99E-03	2.34E-03	2.35E-03	2.34E-03	1.74E-03	1.05E-03	1.70E-03	2.33E-03	1.82E-03	1.82E-03	1.82E-03	1.21E-03	5.30E-04
588	561172.5	4192681	2.48E-03	3.12E-03	2.45E-03	2.45E-03	2.45E-03	1.81E-03	1.10E-03	1.77E-03	2.43E-03	1.90E-03	1.90E-03	1.90E-03	1.27E-03	5.54E-04
589	561163.1	4192682	2.58E-03	3.24E-03	2.54E-03	2.55E-03	2.54E-03	1.89E-03	1.14E-03	1.84E-03	2.52E-03	1.97E-03	1.98E-03	1.97E-03	1.31E-03	5.76E-04
590	561153.8	4192684	2.66E-03	3.35E-03	2.63E-03	2.63E-03	2.63E-03	1.95E-03	1.18E-03	1.90E-03	2.61E-03	2.04E-03	2.04E-03	2.04E-03	1.36E-03	5.95E-04
591	561144.4	4192685	2.73E-03	3.44E-03	2.70E-03	2.71E-03	2.70E-03	2.00E-03	1.21E-03	1.96E-03	2.68E-03	2.09E-03	2.10E-03	2.09E-03	1.40E-03	6.11E-04
592	561264.8	4192599	1.79E-03	2.26E-03	1.77E-03	1.78E-03	1.77E-03	1.31E-03	7.96E-04	1.28E-03	1.76E-03	1.37E-03	1.38E-03	1.37E-03	9.16E-04	4.01E-04
593	561267	4192589	1.81E-03	2.28E-03	1.79E-03	1.79E-03	1.79E-03	1.32E-03	8.03E-04	1.29E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	9.23E-04	4.04E-04
594	561269.1	4192580	1.82E-03	2.29E-03	1.80E-03	1.80E-03	1.80E-03	1.33E-03	8.09E-04	1.30E-03	1.79E-03	1.40E-03	1.40E-03	1.40E-03	9.31E-04	4.07E-04
595	561271.2	4192570	1.84E-03	2.31E-03	1.81E-03	1.82E-03	1.81E-03	1.34E-03	8.15E-04	1.31E-03	1.80E-03	1.41E-03	1.41E-03	1.41E-03	9.37E-04	4.10E-04
596	561273.4	4192561	1.85E-03	2.33E-03	1.82E-03	1.83E-03	1.82E-03	1.35E-03	8.20E-04	1.32E-03	1.81E-03	1.41E-03	1.42E-03	1.41E-03	9.43E-04	4.13E-04
597	561275.5	4192551	1.86E-03	2.34E-03	1.84E-03	1.84E-03	1.84E-03	1.36E-03	8.26E-04	1.33E-03	1.82E-03	1.42E-03	1.43E-03	1.42E-03	9.50E-04	4.16E-04
598	561277.6	4192541	1.87E-03	2.36E-03	1.85E-03	1.85E-03	1.85E-03	1.37E-03	8.31E-04	1.34E-03	1.84E-03	1.43E-03	1.44E-03	1.43E-03	9.56E-04	4.19E-04
599	561279.7	4192532	1.89E-03	2.37E-03	1.86E-03	1.87E-03	1.86E-03	1.38E-03	8.36E-04	1.35E-03	1.85E-03	1.44E-03	1.45E-03	1.44E-03	9.62E-04	4.21E-04
600	561281.9	4192522	1.89E-03	2.38E-03	1.87E-03	1.87E-03	1.87E-03	1.39E-03	8.40E-04	1.35E-03	1.86E-03	1.45E-03	1.45E-03	1.45E-03	9.66E-04	4.23E-04
601	561284	4192513	1.90E-03	2.39E-03	1.87E-03	1.88E-03	1.87E-03	1.39E-03	8.43E-04	1.36E-03	1.86E-03	1.45E-03	1.46E-03	1.45E-03	9.69E-04	4.24E-04
602	561286.1	4192503	1.90E-03	2.39E-03	1.88E-03	1.88E-03	1.88E-03	1.39E-03	8.44E-04	1.36E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	9.70E-04	4.25E-04
603	561288.3	4192493	1.90E-03	2.39E-03	1.88E-03	1.88E-03	1.88E-03	1.39E-03	8.43E-04	1.36E-03	1.86E-03	1.45E-03	1.46E-03	1.45E-03	9.69E-04	4.24E-04
604	561290.4	4192484	1.90E-03	2.38E-03	1.87E-03	1.88E-03	1.87E-03	1.39E-03	8.41E-04	1.36E-03	1.86E-03	1.45E-03	1.45E-03	1.45E-03	9.67E-04	4.23E-04
605	561292.5	4192474	1.89E-03	2.37E-03	1.86E-03	1.87E-03	1.86E-03	1.38E-03	8.37E-04	1.35E-03	1.85E-03	1.44E-03	1.45E-03	1.44E-03	9.63E-04	4.22E-04
606	561252.9	4192631	1.79E-03	2.25E-03	1.76E-03	1.77E-03	1.76E-03	1.31E-03	7.93E-04	1.28E-03	1.75E-03	1.37E-03	1.37E-03	1.37E-03	9.12E-04	3.99E-04
607	561225.8	4192669	1.88E-03	2.37E-03	1.86E-03	1.86E-03	1.86E-03	1.38E-03	8.35E-04	1.35E-03	1.84E-03	1.44E-03	1.44E-03	1.44E-03	9.60E-04	4.20E-04
608	561220.4	4192677	1.89E-03	2.38E-03	1.86E-03	1.87E-03	1.86E-03	1.38E-03	8.38E-04	1.35E-03	1.85E-03	1.45E-03	1.45E-03	1.45E-03	9.64E-04	4.22E-04
609	561205.8	4192686	1.99E-03	2.50E-03	1.96E-03	1.97E-03	1.96E-03	1.46E-03	8.83E-04	1.42E-03	1.95E-03	1.52E-03	1.53E-03	1.52E-03	1.02E-03	4.45E-04
610	561196.6	4192687	2.09E-03	2.63E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.28E-04	1.50E-03	2.05E-03	1.60E-03	1.60E-03	1.60E-03	1.07E-03	4.67E-04
611	561187.4	4192688	2.19E-03	2.75E-03	2.16E-03	2.17E-03	2.16E-03	1.60E-03	9.71E-04	1.57E-03	2.14E-03	1.68E-03	1.68E-03	1.68E-03	1.12E-03	4.89E-04
612	561178.2	4192690	2.28E-03	2.87E-03	2.25E-03	2.26E-03	2.25E-03	1.67E-03	1.01E-03	1.63E-03	2.24E-03	1.75E-03	1.75E-03	1.75E-03	1.16E-03	5.10E-04
613	561169	4192691	2.37E-03	2.98E-03	2.34E-03	2.35E-03	2.34E-03	1.73E-03	1.05E-03	1.70E-03	2.32E-03	1.81E-03	1.82E-03	1.81E-03	1.21E-03	5.30E-04
614	561159.8	4192692	2.45E-03	3.08E-03	2.42E-03	2.42E-03	2.42E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.87E-03	1.88E-03	1.87E-03	1.25E-03	5.47E-04
615	561150.6	4192693	2.52E-03	3.17E-03	2.48E-03	2.49E-03	2.48E-03	1.84E-03	1.12E-03	1.80E-03	2.47E-03	1.93E-03	1.93E-03	1.93E-03	1.28E-03	5.62E-04
616	561141.4	4192695	2.57E-03	3.24E-03	2.54E-03	2.55E-03	2.54E-03	1.88E-03	1.14E-03	1.84E-03	2.52E-03	1.97E-03	1.98E-03	1.97E-03	1.31E-03	5.75E-04
617	561274.6	4192601	1.65E-03	2.07E-03	1.63E-03	1.63E-03	1.63E-03	1.21E-03	7.31E-04	1.18E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	8.41E-04	3.68E-04
618	561276.7	4192592	1.66E-03	2.09E-03	1.64E-03	1.64E-03	1.64E-03	1.21E-03	7.36E-04	1.19E-03	1.63E-03	1.27E-03	1.27E-03	1.27E-03	8.47E-04	3.71E-04
619	561278.8	4192582	1.67E-03	2.10E-03	1.65E-03	1.65E-03	1.65E-03	1.22E-03	7.41E-04	1.19E-03	1.64E-03	1.28E-03	1.28E-03	1.28E-03	8.52E-04	3.73E-04
620	561281	4192572	1.68E-03	2.11E-03	1.66E-03	1.66E-03	1.66E-03	1.								

645	561156.6	4192702	2.33E-03	2.93E-03	2.30E-03	2.30E-03	2.30E-03	1.70E-03	1.03E-03	1.66E-03	2.28E-03	1.78E-03	1.79E-03	1.78E-03	1.19E-03	5.20E-04
646	561147.5	4192703	2.38E-03	3.00E-03	2.35E-03	2.36E-03	2.35E-03	1.74E-03	1.06E-03	1.70E-03	2.33E-03	1.82E-03	1.83E-03	1.82E-03	1.22E-03	5.32E-04
647	561138.4	4192704	2.43E-03	3.05E-03	2.40E-03	2.40E-03	2.40E-03	1.78E-03	1.08E-03	1.74E-03	2.38E-03	1.86E-03	1.86E-03	1.86E-03	1.24E-03	5.42E-04
648	561286.5	4192594	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.77E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.79E-04	3.41E-04
649	561288.6	4192584	1.53E-03	1.93E-03	1.51E-03	1.52E-03	1.51E-03	1.12E-03	6.81E-04	1.10E-03	1.50E-03	1.17E-03	1.18E-03	1.17E-03	7.83E-04	3.43E-04
650	561290.7	4192575	1.54E-03	1.94E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.84E-04	1.10E-03	1.51E-03	1.18E-03	1.18E-03	1.18E-03	7.86E-04	3.44E-04
651	561292.9	4192565	1.55E-03	1.95E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.87E-04	1.11E-03	1.52E-03	1.18E-03	1.19E-03	1.18E-03	7.90E-04	3.46E-04
652	561295	4192555	1.55E-03	1.95E-03	1.53E-03	1.54E-03	1.53E-03	1.14E-03	6.89E-04	1.11E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	7.93E-04	3.47E-04
653	561297.1	4192546	1.56E-03	1.96E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.92E-04	1.12E-03	1.53E-03	1.19E-03	1.20E-03	1.19E-03	7.96E-04	3.48E-04
654	561299.3	4192536	1.57E-03	1.97E-03	1.54E-03	1.55E-03	1.54E-03	1.15E-03	6.95E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.99E-04	3.50E-04
655	561301.4	4192526	1.57E-03	1.97E-03	1.55E-03	1.55E-03	1.55E-03	1.15E-03	6.97E-04	1.12E-03	1.54E-03	1.20E-03	1.20E-03	1.20E-03	8.01E-04	3.51E-04
656	561303.5	4192517	1.57E-03	1.98E-03	1.55E-03	1.56E-03	1.55E-03	1.15E-03	6.98E-04	1.13E-03	1.54E-03	1.20E-03	1.21E-03	1.20E-03	8.03E-04	3.52E-04
657	561305.7	4192507	1.58E-03	1.98E-03	1.56E-03	1.56E-03	1.56E-03	1.15E-03	6.99E-04	1.13E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.04E-04	3.52E-04
658	561307.8	4192498	1.58E-03	1.98E-03	1.56E-03	1.56E-03	1.56E-03	1.15E-03	6.99E-04	1.13E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.04E-04	3.52E-04
659	561309.9	4192488	1.57E-03	1.98E-03	1.55E-03	1.56E-03	1.55E-03	1.15E-03	6.98E-04	1.13E-03	1.54E-03	1.20E-03	1.21E-03	1.20E-03	8.03E-04	3.52E-04
660	561312.1	4192478	1.57E-03	1.97E-03	1.55E-03	1.55E-03	1.55E-03	1.15E-03	6.96E-04	1.12E-03	1.54E-03	1.20E-03	1.20E-03	1.20E-03	8.01E-04	3.51E-04
661	561314.2	4192469	1.56E-03	1.97E-03	1.54E-03	1.55E-03	1.54E-03	1.14E-03	6.94E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.98E-04	3.49E-04
662	561316.3	4192459	1.55E-03	1.96E-03	1.53E-03	1.54E-03	1.53E-03	1.14E-03	6.90E-04	1.11E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	7.93E-04	3.47E-04
663	561318.5	4192450	1.54E-03	1.94E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.85E-04	1.10E-03	1.51E-03	1.18E-03	1.18E-03	1.18E-03	7.88E-04	3.45E-04
664	561320.6	4192440	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.79E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.81E-04	3.42E-04
665	561327	4192411	1.47E-03	1.85E-03	1.45E-03	1.45E-03	1.45E-03	1.08E-03	6.52E-04	1.05E-03	1.44E-03	1.12E-03	1.13E-03	1.12E-03	7.50E-04	3.28E-04
666	561271.2	4192638	1.53E-03	1.93E-03	1.51E-03	1.52E-03	1.51E-03	1.12E-03	6.79E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.81E-04	3.42E-04
667	561265.5	4192646	1.56E-03	1.96E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.91E-04	1.11E-03	1.53E-03	1.19E-03	1.19E-03	1.19E-03	7.94E-04	3.48E-04
668	561259.7	4192654	1.58E-03	1.99E-03	1.56E-03	1.56E-03	1.56E-03	1.16E-03	7.00E-04	1.13E-03	1.55E-03	1.21E-03	1.21E-03	1.21E-03	8.06E-04	3.53E-04
669	561254	4192661	1.60E-03	2.01E-03	1.58E-03	1.58E-03	1.58E-03	1.17E-03	7.09E-04	1.14E-03	1.57E-03	1.22E-03	1.23E-03	1.22E-03	8.15E-04	3.57E-04
670	561248.3	4192669	1.61E-03	2.03E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.16E-04	1.15E-03	1.58E-03	1.23E-03	1.24E-03	1.23E-03	8.23E-04	3.60E-04
671	561242.6	4192677	1.63E-03	2.04E-03	1.60E-03	1.61E-03	1.60E-03	1.19E-03	7.21E-04	1.16E-03	1.59E-03	1.24E-03	1.25E-03	1.24E-03	8.30E-04	3.63E-04
672	561236.8	4192685	1.64E-03	2.06E-03	1.61E-03	1.62E-03	1.61E-03	1.20E-03	7.25E-04	1.17E-03	1.60E-03	1.25E-03	1.25E-03	1.25E-03	8.34E-04	3.65E-04
673	561215.6	4192703	1.73E-03	2.18E-03	1.71E-03	1.71E-03	1.71E-03	1.27E-03	7.68E-04	1.24E-03	1.70E-03	1.33E-03	1.33E-03	1.33E-03	8.83E-04	3.87E-04
674	561205.9	4192704	1.82E-03	2.29E-03	1.79E-03	1.80E-03	1.79E-03	1.33E-03	8.07E-04	1.30E-03	1.78E-03	1.39E-03	1.39E-03	1.39E-03	9.28E-04	4.06E-04
675	561196.2	4192706	1.90E-03	2.39E-03	1.88E-03	1.88E-03	1.88E-03	1.39E-03	8.44E-04	1.36E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	9.71E-04	4.25E-04
676	561186.4	4192707	1.98E-03	2.49E-03	1.96E-03	1.96E-03	1.96E-03	1.45E-03	8.80E-04	1.42E-03	1.94E-03	1.52E-03	1.52E-03	1.52E-03	1.01E-03	4.43E-04
677	561176.7	4192708	2.06E-03	2.59E-03	2.03E-03	2.04E-03	2.03E-03	1.51E-03	9.14E-04	1.47E-03	2.02E-03	1.58E-03	1.58E-03	1.58E-03	1.05E-03	4.60E-04
678	561167	4192710	2.13E-03	2.68E-03	2.10E-03	2.11E-03	2.10E-03	1.56E-03	9.45E-04	1.52E-03	2.09E-03	1.63E-03	1.63E-03	1.63E-03	1.09E-03	4.76E-04
679	561157.2	4192711	2.19E-03	2.75E-03	2.16E-03	2.17E-03	2.16E-03	1.60E-03	9.72E-04	1.57E-03	2.15E-03	1.68E-03	1.68E-03	1.68E-03	1.12E-03	4.89E-04
680	561147.5	4192712	2.24E-03	2.82E-03	2.21E-03	2.22E-03	2.21E-03	1.64E-03	9.95E-04	1.60E-03	2.20E-03	1.72E-03	1.72E-03	1.72E-03	1.14E-03	5.01E-04
681	561137.8	4192714	2.28E-03	2.87E-03	2.25E-03	2.26E-03	2.25E-03	1.67E-03	1.01E-03	1.63E-03	2.24E-03	1.75E-03	1.75E-03	1.75E-03	1.17E-03	5.10E-04
682	561294.1	4192606	1.40E-03	1.76E-03	1.38E-03	1.39E-03	1.38E-03	1.03E-03	6.22E-04	1.00E-03	1.37E-03	1.07E-03	1.08E-03	1.07E-03	7.16E-04	3.13E-04
683	561296.2	4192596	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.19E-04	3.15E-04
684	561298.4	4192586	1.41E-03	1.78E-03	1.40E-03	1.40E-03	1.40E-03	1.03E-03	6.27E-04	1.01E-03	1.39E-03	1.08E-03	1.09E-03	1.08E-03	7.21E-04	3.16E-04
685	561300.5	4192577	1.42E-03	1.78E-03	1.40E-03	1.40E-03	1.40E-03	1.04E-03	6.29E-04	1.01E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.24E-04	3.17E-04
686	561302.6	4192567	1.42E-03	1.79E-03	1.40E-03	1.41E-03	1.40E-03	1.04E-03	6.31E-04	1.02E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.26E-04	3.18E-04
687	561304.8	4192557	1.43E-03	1.80E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.33E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.28E-04	3.19E-04
688	561306.9	4192548	1.43E-03	1.80E-03	1.41E-03	1.42E-03	1.41E-03	1.05E-03	6.36E-04	1.02E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	7.31E-04	3.20E-04
689	561309	4192538	1.44E-03	1.81E-03	1.42E-03	1.42E-03	1.42E-03	1.05E-03	6.37E-04	1.03E-03	1.41E-03	1.10E-03	1.10E-03	1.10E-03	7.33E-04	3.21E-04
690	561311.2	4192529	1.44E-03	1.81E-03	1.42E-03	1.43E-03	1.42E-03	1.05E-03	6.39E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.35E-04	3.22E-04
691	561313.3	4192519	1.44E-03	1.81E-03	1.42E-03	1.43E-03	1.42E-03	1.06E-03	6.40E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.36E-04	3.22E-04
692	561315.4	4192509	1.44E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.41E-04	1.03E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.37E-04	3.23E-04
693	561317.6	4192500	1.44E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.41E-04	1.03E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.37E-04	3.23E-04
694	561319.7	4192490	1.44E-03	1.82E-03	1.42E-03	1.43E-03	1.42E-03	1.06E-03	6.41E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.37E-04	3.23E-04
695	561321.8	4192481	1.44E-03	1.81E-03	1.42E-03	1.43E-03	1.42E-03	1.05E-03	6.39E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.35E-04	3.22E-04
696	561324	4192471	1.44E-03	1.81E-03	1.42E-03	1.42E-03	1.42E-03	1.05E-03	6.37E-04	1.03E-03	1.41E-03	1.10E-03	1.10E-03	1.10E-03	7.33E-04	3.21E-04
697	561326.1	4192461	1.43E-03	1.80E-03	1.41E-03	1.41E-03	1.41E-03	1.05E-03	6.34E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.29E-04	3.19E-04
698	561328.2	4192452	1.42E-03	1.79E-03	1.40E-03	1.41E-03	1.40E-03	1.04E-03	6.30E-04	1.02E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.25E-04	3.17E-04
699	561330.4	4192442	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.19E-04	3.15E-04
700	561336.8	4192413	1.36E-03	1.71E-03	1.34E-03	1.34E-03	1.34E-03	9.93E-04	6.02E-04	9.70E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.92E-04	3.03E-04
701	561281.3	4192639	1.42E-03	1.78E-03	1.40E-03	1.40E-03	1.40E-03	1.04								

726	561318.8	4192540	1.32E-03	1.66E-03	1.31E-03	1.31E-03	1.31E-03	9.69E-04	5.87E-04	9.47E-04	1.30E-03	1.01E-03	1.02E-03	1.01E-03	6.75E-04	2.96E-04
727	561320.9	4192531	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.70E-04	5.88E-04	9.48E-04	1.30E-03	1.01E-03	1.02E-03	1.01E-03	6.77E-04	2.96E-04
728	561323.1	4192521	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.72E-04	5.89E-04	9.50E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
729	561325.2	4192512	1.33E-03	1.67E-03	1.31E-03	1.32E-03	1.31E-03	9.73E-04	5.90E-04	9.51E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
730	561327.3	4192502	1.33E-03	1.67E-03	1.31E-03	1.32E-03	1.31E-03	9.73E-04	5.90E-04	9.51E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
731	561329.5	4192492	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.72E-04	5.89E-04	9.50E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.78E-04	2.97E-04
732	561331.6	4192483	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.71E-04	5.88E-04	9.48E-04	1.30E-03	1.01E-03	1.02E-03	1.01E-03	6.77E-04	2.96E-04
733	561333.7	4192473	1.32E-03	1.66E-03	1.31E-03	1.31E-03	1.31E-03	9.68E-04	5.87E-04	9.46E-04	1.30E-03	1.01E-03	1.02E-03	1.01E-03	6.75E-04	2.96E-04
734	561335.9	4192463	1.32E-03	1.66E-03	1.30E-03	1.30E-03	1.30E-03	9.65E-04	5.85E-04	9.43E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.73E-04	2.94E-04
735	561338	4192454	1.31E-03	1.65E-03	1.29E-03	1.30E-03	1.29E-03	9.60E-04	5.82E-04	9.38E-04	1.28E-03	1.00E-03	1.01E-03	1.00E-03	6.69E-04	2.93E-04
736	561340.1	4192444	1.30E-03	1.64E-03	1.28E-03	1.29E-03	1.28E-03	9.53E-04	5.77E-04	9.31E-04	1.28E-03	9.96E-04	9.99E-04	9.96E-04	6.64E-04	2.91E-04
737	561346.5	4192415	1.26E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	9.20E-04	5.58E-04	8.99E-04	1.23E-03	9.62E-04	9.65E-04	9.62E-04	6.42E-04	2.81E-04
738	561291.4	4192641	1.32E-03	1.66E-03	1.30E-03	1.30E-03	1.30E-03	9.64E-04	5.85E-04	9.42E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.72E-04	2.94E-04
739	561285.8	4192649	1.34E-03	1.69E-03	1.32E-03	1.33E-03	1.32E-03	9.81E-04	5.95E-04	9.59E-04	1.31E-03	1.03E-03	1.03E-03	1.03E-03	6.84E-04	2.99E-04
740	561280.3	4192656	1.36E-03	1.71E-03	1.34E-03	1.35E-03	1.34E-03	9.96E-04	6.04E-04	9.73E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.94E-04	3.04E-04
741	561274.7	4192664	1.38E-03	1.73E-03	1.36E-03	1.37E-03	1.36E-03	1.01E-03	6.12E-04	9.87E-04	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.04E-04	3.08E-04
742	561269.1	4192672	1.40E-03	1.75E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.19E-04	9.98E-04	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.12E-04	3.12E-04
743	561263.6	4192680	1.41E-03	1.77E-03	1.39E-03	1.40E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.19E-04	3.15E-04
744	561258	4192687	1.42E-03	1.79E-03	1.40E-03	1.41E-03	1.40E-03	1.04E-03	6.31E-04	1.02E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.25E-04	3.18E-04
745	561252.4	4192695	1.43E-03	1.80E-03	1.41E-03	1.42E-03	1.41E-03	1.05E-03	6.35E-04	1.02E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	7.30E-04	3.20E-04
746	561246.9	4192703	1.44E-03	1.81E-03	1.42E-03	1.42E-03	1.42E-03	1.05E-03	6.38E-04	1.03E-03	1.41E-03	1.10E-03	1.10E-03	1.10E-03	7.34E-04	3.21E-04
747	561241.3	4192711	1.44E-03	1.82E-03	1.42E-03	1.43E-03	1.42E-03	1.06E-03	6.40E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.36E-04	3.22E-04
748	561207.4	4192723	1.66E-03	2.08E-03	1.63E-03	1.64E-03	1.63E-03	1.21E-03	7.34E-04	1.18E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	8.45E-04	3.70E-04
749	561197.9	4192724	1.72E-03	2.17E-03	1.70E-03	1.70E-03	1.70E-03	1.26E-03	7.64E-04	1.23E-03	1.69E-03	1.32E-03	1.32E-03	1.32E-03	8.79E-04	3.85E-04
750	561188.5	4192725	1.79E-03	2.25E-03	1.76E-03	1.77E-03	1.76E-03	1.31E-03	7.92E-04	1.28E-03	1.75E-03	1.37E-03	1.37E-03	1.37E-03	9.11E-04	3.99E-04
751	561179	4192727	1.85E-03	2.32E-03	1.82E-03	1.83E-03	1.82E-03	1.35E-03	8.19E-04	1.32E-03	1.81E-03	1.41E-03	1.42E-03	1.41E-03	9.42E-04	4.12E-04
752	561169.6	4192728	1.90E-03	2.39E-03	1.87E-03	1.88E-03	1.87E-03	1.39E-03	8.42E-04	1.36E-03	1.86E-03	1.45E-03	1.46E-03	1.45E-03	9.69E-04	4.24E-04
753	561160.1	4192729	1.95E-03	2.45E-03	1.92E-03	1.93E-03	1.92E-03	1.42E-03	8.64E-04	1.39E-03	1.91E-03	1.49E-03	1.49E-03	1.49E-03	9.93E-04	4.35E-04
754	561150.6	4192731	1.99E-03	2.50E-03	1.96E-03	1.97E-03	1.96E-03	1.45E-03	8.82E-04	1.42E-03	1.95E-03	1.52E-03	1.52E-03	1.52E-03	1.01E-03	4.44E-04
755	561141.2	4192732	2.02E-03	2.54E-03	1.99E-03	2.00E-03	1.99E-03	1.48E-03	8.96E-04	1.45E-03	1.98E-03	1.55E-03	1.55E-03	1.55E-03	1.03E-03	4.51E-04
756	561131.7	4192733	2.05E-03	2.57E-03	2.02E-03	2.03E-03	2.02E-03	1.50E-03	9.08E-04	1.46E-03	2.01E-03	1.57E-03	1.57E-03	1.57E-03	1.04E-03	4.57E-04
757	561313.6	4192610	1.21E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	8.82E-04	5.35E-04	8.62E-04	1.18E-03	9.23E-04	9.25E-04	9.23E-04	6.15E-04	2.69E-04
758	561315.8	4192600	1.21E-03	1.52E-03	1.19E-03	1.20E-03	1.19E-03	8.84E-04	5.36E-04	8.64E-04	1.18E-03	9.25E-04	9.27E-04	9.25E-04	6.17E-04	2.70E-04
759	561317.9	4192591	1.21E-03	1.52E-03	1.19E-03	1.20E-03	1.19E-03	8.86E-04	5.37E-04	8.66E-04	1.19E-03	9.26E-04	9.29E-04	9.26E-04	6.18E-04	2.70E-04
760	561320	4192581	1.21E-03	1.52E-03	1.20E-03	1.20E-03	1.20E-03	8.87E-04	5.38E-04	8.67E-04	1.19E-03	9.27E-04	9.30E-04	9.27E-04	6.18E-04	2.71E-04
761	561322.2	4192571	1.21E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.88E-04	5.39E-04	8.68E-04	1.19E-03	9.29E-04	9.32E-04	9.29E-04	6.19E-04	2.71E-04
762	561324.3	4192562	1.22E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.91E-04	5.40E-04	8.70E-04	1.19E-03	9.31E-04	9.34E-04	9.31E-04	6.21E-04	2.72E-04
763	561326.4	4192552	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.93E-04	5.41E-04	8.73E-04	1.20E-03	9.34E-04	9.37E-04	9.34E-04	6.23E-04	2.73E-04
764	561328.6	4192543	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.95E-04	5.42E-04	8.74E-04	1.20E-03	9.36E-04	9.38E-04	9.36E-04	6.24E-04	2.73E-04
765	561330.7	4192533	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.96E-04	5.43E-04	8.75E-04	1.20E-03	9.37E-04	9.39E-04	9.37E-04	6.25E-04	2.73E-04
766	561332.8	4192523	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.97E-04	5.44E-04	8.76E-04	1.20E-03	9.38E-04	9.40E-04	9.38E-04	6.25E-04	2.74E-04
767	561335	4192514	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.97E-04	5.44E-04	8.77E-04	1.20E-03	9.38E-04	9.41E-04	9.38E-04	6.26E-04	2.74E-04
768	561337.1	4192504	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.98E-04	5.44E-04	8.77E-04	1.20E-03	9.39E-04	9.41E-04	9.39E-04	6.26E-04	2.74E-04
769	561339.2	4192494	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.97E-04	5.44E-04	8.77E-04	1.20E-03	9.38E-04	9.41E-04	9.38E-04	6.25E-04	2.74E-04
770	561341.4	4192485	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.96E-04	5.43E-04	8.76E-04	1.20E-03	9.37E-04	9.40E-04	9.37E-04	6.25E-04	2.74E-04
771	561343.5	4192475	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.95E-04	5.42E-04	8.74E-04	1.20E-03	9.36E-04	9.38E-04	9.36E-04	6.24E-04	2.73E-04
772	561345.6	4192466	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.92E-04	5.41E-04	8.72E-04	1.19E-03	9.33E-04	9.36E-04	9.33E-04	6.22E-04	2.72E-04
773	561347.7	4192456	1.21E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.89E-04	5.39E-04	8.68E-04	1.19E-03	9.29E-04	9.32E-04	9.29E-04	6.20E-04	2.71E-04
774	561349.9	4192446	1.21E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	8.83E-04	5.35E-04	8.63E-04	1.18E-03	9.23E-04	9.26E-04	9.23E-04	6.15E-04	2.69E-04
775	561301.4	4192643	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.97E-04	5.44E-04	8.76E-04	1.20E-03	9.38E-04	9.40E-04	9.38E-04	6.25E-04	2.74E-04
776	561295.9	4192650	1.25E-03	1.57E-03	1.23E-03	1.23E-03	1.23E-03	9.13E-04	5.54E-04	8.92E-04	1.22E-03	9.55E-04	9.58E-04	9.55E-04	6.37E-04	2.79E-04
777	561290.4	4192658	1.27E-03	1.59E-03	1.25E-03	1.25E-03	1.25E-03	9.28E-04	5.63E-04	9.07E-04	1.24E-03	9.70E-04	9.73E-04	9.70E-04	6.47E-04	2.83E-04
778	561284.9	4192666	1.29E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.41E-04	5.71E-04	9.20E-04	1.26E-03	9.84E-04	9.87E-04	9.84E-04	6.56E-04	2.87E-04
779	561279.4	4192673	1.30E-03	1.64E-03	1.28E-03	1.29E-03	1.28E-03	9.52E-04	5.77E-04	9.31E-04	1.28E-03	9.96E-04	9.99E-04	9.96E-04	6.64E-04	2.91E-04
780	561273.9	4192681	1.32E-03	1.65E-03	1.30E-03	1.30E-03	1.30E-03	9.62E-04	5.83E-04	9.40E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.71E-04	2.94E-04
781	561268.4	4192689	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.72E-04	5.89E-04	9.49E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.77E-04	2.97E-04
782	561262.9	4192696	1.34E-03	1.68E-03	1.32E-03	1.32E-03	1.32E-03	9.								

807	561346.9	4192506	1.14E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	8.12E-04	1.11E-03	8.69E-04	8.71E-04	8.69E-04	5.79E-04	2.54E-04
808	561349	4192497	1.13E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	8.12E-04	1.11E-03	8.69E-04	8.71E-04	8.69E-04	5.79E-04	2.54E-04
809	561351.1	4192487	1.13E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.30E-04	5.03E-04	8.11E-04	1.11E-03	8.68E-04	8.70E-04	8.68E-04	5.78E-04	2.53E-04
810	561353.2	4192477	1.13E-03	1.42E-03	1.12E-03	1.12E-03	1.12E-03	8.29E-04	5.03E-04	8.10E-04	1.11E-03	8.67E-04	8.69E-04	8.67E-04	5.78E-04	2.53E-04
811	561355.4	4192468	1.13E-03	1.42E-03	1.12E-03	1.12E-03	1.12E-03	8.28E-04	5.02E-04	8.09E-04	1.11E-03	8.65E-04	8.68E-04	8.65E-04	5.77E-04	2.53E-04
812	561357.5	4192458	1.13E-03	1.42E-03	1.11E-03	1.12E-03	1.11E-03	8.25E-04	5.00E-04	8.06E-04	1.10E-03	8.63E-04	8.65E-04	8.63E-04	5.75E-04	2.52E-04
813	561359.6	4192449	1.12E-03	1.41E-03	1.11E-03	1.11E-03	1.11E-03	8.20E-04	4.97E-04	8.01E-04	1.10E-03	8.57E-04	8.60E-04	8.57E-04	5.72E-04	2.50E-04
814	561311.4	4192645	1.14E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.36E-04	5.07E-04	8.17E-04	1.12E-03	8.74E-04	8.77E-04	8.74E-04	5.83E-04	2.55E-04
815	561306	4192652	1.16E-03	1.46E-03	1.15E-03	1.15E-03	1.15E-03	8.51E-04	5.16E-04	8.32E-04	1.14E-03	8.90E-04	8.93E-04	8.90E-04	5.94E-04	2.60E-04
816	561300.5	4192660	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.66E-04	5.25E-04	8.46E-04	1.16E-03	9.05E-04	9.08E-04	9.05E-04	6.04E-04	2.64E-04
817	561295.1	4192667	1.20E-03	1.51E-03	1.18E-03	1.19E-03	1.18E-03	8.79E-04	5.33E-04	8.59E-04	1.18E-03	9.19E-04	9.21E-04	9.19E-04	6.13E-04	2.68E-04
818	561289.6	4192675	1.22E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.90E-04	5.39E-04	8.69E-04	1.19E-03	9.30E-04	9.33E-04	9.30E-04	6.20E-04	2.72E-04
819	561284.2	4192683	1.23E-03	1.55E-03	1.21E-03	1.22E-03	1.21E-03	8.99E-04	5.45E-04	8.79E-04	1.20E-03	9.40E-04	9.43E-04	9.40E-04	6.27E-04	2.74E-04
820	561278.7	4192690	1.24E-03	1.56E-03	1.22E-03	1.23E-03	1.22E-03	9.08E-04	5.51E-04	8.87E-04	1.22E-03	9.50E-04	9.52E-04	9.50E-04	6.33E-04	2.77E-04
821	561273.3	4192698	1.25E-03	1.57E-03	1.24E-03	1.24E-03	1.24E-03	9.16E-04	5.55E-04	8.95E-04	1.23E-03	9.58E-04	9.61E-04	9.58E-04	6.39E-04	2.80E-04
822	561267.9	4192705	1.26E-03	1.59E-03	1.25E-03	1.25E-03	1.25E-03	9.24E-04	5.60E-04	9.03E-04	1.24E-03	9.66E-04	9.69E-04	9.66E-04	6.44E-04	2.82E-04
823	561262.4	4192713	1.27E-03	1.60E-03	1.25E-03	1.26E-03	1.25E-03	9.30E-04	5.64E-04	9.09E-04	1.24E-03	9.72E-04	9.75E-04	9.72E-04	6.48E-04	2.84E-04
824	561257	4192720	1.28E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	9.34E-04	5.66E-04	9.13E-04	1.25E-03	9.77E-04	9.80E-04	9.77E-04	6.51E-04	2.85E-04
825	561251.5	4192728	1.28E-03	1.61E-03	1.26E-03	1.27E-03	1.26E-03	9.38E-04	5.68E-04	9.16E-04	1.26E-03	9.81E-04	9.83E-04	9.81E-04	6.54E-04	2.86E-04
826	561236.8	4192737	1.34E-03	1.69E-03	1.32E-03	1.33E-03	1.32E-03	9.81E-04	5.95E-04	9.59E-04	1.31E-03	1.03E-03	1.03E-03	1.03E-03	6.84E-04	2.99E-04
827	561227.6	4192738	1.40E-03	1.76E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.20E-04	1.00E-03	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.13E-04	3.12E-04
828	561199.9	4192742	1.57E-03	1.97E-03	1.55E-03	1.55E-03	1.55E-03	1.15E-03	6.95E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.99E-04	3.50E-04
829	561190.6	4192743	1.62E-03	2.03E-03	1.60E-03	1.60E-03	1.60E-03	1.18E-03	7.18E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.25E-04	3.61E-04
830	561181.4	4192745	1.66E-03	2.09E-03	1.64E-03	1.65E-03	1.64E-03	1.22E-03	7.39E-04	1.19E-03	1.63E-03	1.27E-03	1.28E-03	1.27E-03	8.49E-04	3.72E-04
831	561172.1	4192746	1.71E-03	2.15E-03	1.68E-03	1.69E-03	1.68E-03	1.25E-03	7.57E-04	1.22E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	8.71E-04	3.81E-04
832	561162.9	4192747	1.75E-03	2.19E-03	1.72E-03	1.73E-03	1.72E-03	1.28E-03	7.74E-04	1.25E-03	1.71E-03	1.34E-03	1.34E-03	1.34E-03	8.90E-04	3.90E-04
833	561153.6	4192749	1.78E-03	2.24E-03	1.75E-03	1.76E-03	1.75E-03	1.30E-03	7.89E-04	1.27E-03	1.74E-03	1.36E-03	1.36E-03	1.36E-03	9.07E-04	3.97E-04
834	561144.4	4192750	1.80E-03	2.27E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.01E-04	1.29E-03	1.77E-03	1.38E-03	1.38E-03	1.38E-03	9.21E-04	4.03E-04
835	561135.2	4192751	1.83E-03	2.30E-03	1.80E-03	1.81E-03	1.80E-03	1.34E-03	8.10E-04	1.31E-03	1.79E-03	1.40E-03	1.40E-03	1.40E-03	9.32E-04	4.08E-04
836	561125.9	4192753	1.84E-03	2.32E-03	1.82E-03	1.82E-03	1.82E-03	1.35E-03	8.18E-04	1.32E-03	1.81E-03	1.41E-03	1.41E-03	1.41E-03	9.40E-04	4.12E-04
837	561333.2	4192614	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.67E-04	4.65E-04	7.50E-04	1.03E-03	8.02E-04	8.05E-04	8.02E-04	5.35E-04	2.34E-04
838	561335.3	4192605	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.68E-04	4.66E-04	7.51E-04	1.03E-03	8.03E-04	8.06E-04	8.03E-04	5.36E-04	2.35E-04
839	561337.4	4192595	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.69E-04	4.66E-04	7.51E-04	1.03E-03	8.04E-04	8.06E-04	8.04E-04	5.36E-04	2.35E-04
840	561339.6	4192585	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.69E-04	4.66E-04	7.51E-04	1.03E-03	8.04E-04	8.06E-04	8.04E-04	5.36E-04	2.35E-04
841	561341.7	4192576	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.69E-04	4.66E-04	7.51E-04	1.03E-03	8.04E-04	8.06E-04	8.04E-04	5.36E-04	2.35E-04
842	561343.8	4192566	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.69E-04	4.66E-04	7.52E-04	1.03E-03	8.05E-04	8.07E-04	8.05E-04	5.36E-04	2.35E-04
843	561346	4192557	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.52E-04	1.03E-03	8.05E-04	8.07E-04	8.05E-04	5.37E-04	2.35E-04
844	561348.1	4192547	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.53E-04	1.03E-03	8.05E-04	8.08E-04	8.05E-04	5.37E-04	2.35E-04
845	561350.2	4192537	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.67E-04	7.53E-04	1.03E-03	8.06E-04	8.08E-04	8.06E-04	5.37E-04	2.35E-04
846	561352.4	4192528	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.67E-04	7.53E-04	1.03E-03	8.06E-04	8.08E-04	8.06E-04	5.37E-04	2.35E-04
847	561354.5	4192518	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.35E-04
848	561356.6	4192508	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
849	561358.7	4192499	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
850	561360.9	4192489	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
851	561363	4192480	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.67E-04	7.53E-04	1.03E-03	8.06E-04	8.08E-04	8.06E-04	5.38E-04	2.35E-04
852	561365.1	4192470	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.52E-04	1.03E-03	8.05E-04	8.07E-04	8.05E-04	5.37E-04	2.35E-04
853	561367.3	4192460	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.67E-04	4.65E-04	7.50E-04	1.03E-03	8.02E-04	8.04E-04	8.02E-04	5.35E-04	2.34E-04
854	561369.4	4192451	1.04E-03	1.31E-03	1.03E-03	1.03E-03	1.03E-03	7.63E-04	4.63E-04	7.46E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.32E-04	2.33E-04
855	561320	4192648	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.85E-04	4.76E-04	7.67E-04	1.05E-03	8.20E-04	8.23E-04	8.20E-04	5.47E-04	2.40E-04
856	561314.3	4192656	1.09E-03	1.37E-03	1.08E-03	1.08E-03	1.08E-03	8.00E-04	4.85E-04	7.81E-04	1.07E-03	8.36E-04	8.39E-04	8.36E-04	5.58E-04	2.44E-04
857	561308.6	4192664	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.14E-04	4.93E-04	7.95E-04	1.09E-03	8.51E-04	8.53E-04	8.51E-04	5.67E-04	2.48E-04
858	561302.8	4192672	1.13E-03	1.42E-03	1.11E-03	1.12E-03	1.11E-03	8.26E-04	5.01E-04	8.07E-04	1.11E-03	8.64E-04	8.66E-04	8.64E-04	5.76E-04	2.52E-04
859	561297.1	4192680	1.14E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.37E-04	5.07E-04	8.18E-04	1.12E-03	8.75E-04	8.78E-04	8.75E-04	5.84E-04	2.55E-04
860	561291.4	4192688	1.16E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	8.46E-04	5.13E-04	8.27E-04	1.13E-03	8.85E-04	8.88E-04	8.85E-04	5.90E-04	2.58E-04
861	561285.6	4192696	1.17E-03	1.47E-03	1.15E-03	1.16E-03	1.15E-03	8.55E-04	5.18E-04	8.36E-04	1.14E-03	8.94E-04	8.97E-04	8.94E-04	5.96E-04	2.61E-04
862	561279.9	4192704	1.18E-03	1.48E-03	1.17E-03	1.17E-03	1.17E-03	8.64E-04	5.24E-04	8.44E-04	1.16E-03	9.03E-04	9.06E-04	9.03E-04	6.02E-04	2.64E-04
863	561274.2	4192712	1.19E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.72								

888	561273.4	4192729	1.14E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	8.12E-04	1.11E-03	8.69E-04	8.71E-04	8.69E-04	5.79E-04	2.54E-04
889	561267.8	4192737	1.14E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.35E-04	5.06E-04	8.16E-04	1.12E-03	8.73E-04	8.76E-04	8.73E-04	5.82E-04	2.55E-04
890	561262.1	4192745	1.15E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.39E-04	5.08E-04	8.20E-04	1.12E-03	8.77E-04	8.79E-04	8.77E-04	5.85E-04	2.56E-04
891	561246.8	4192754	1.20E-03	1.51E-03	1.18E-03	1.19E-03	1.18E-03	8.78E-04	5.32E-04	8.58E-04	1.18E-03	9.18E-04	9.20E-04	9.18E-04	6.12E-04	2.68E-04
892	561237.2	4192755	1.25E-03	1.57E-03	1.23E-03	1.24E-03	1.23E-03	9.15E-04	5.55E-04	8.94E-04	1.22E-03	9.57E-04	9.59E-04	9.57E-04	6.38E-04	2.79E-04
893	561227.6	4192757	1.30E-03	1.64E-03	1.28E-03	1.29E-03	1.28E-03	9.52E-04	5.77E-04	9.30E-04	1.27E-03	9.95E-04	9.98E-04	9.95E-04	6.64E-04	2.91E-04
894	561218	4192758	1.35E-03	1.70E-03	1.33E-03	1.34E-03	1.33E-03	9.88E-04	5.99E-04	9.66E-04	1.32E-03	1.03E-03	1.04E-03	1.03E-03	6.89E-04	3.02E-04
895	561198.8	4192761	1.45E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.41E-04	1.03E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.37E-04	3.23E-04
896	561189.1	4192762	1.49E-03	1.87E-03	1.47E-03	1.47E-03	1.47E-03	1.09E-03	6.61E-04	1.06E-03	1.46E-03	1.14E-03	1.14E-03	1.14E-03	7.60E-04	3.33E-04
897	561179.5	4192764	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.78E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.80E-04	3.41E-04
898	561169.9	4192765	1.56E-03	1.96E-03	1.54E-03	1.55E-03	1.54E-03	1.14E-03	6.93E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.97E-04	3.49E-04
899	561160.3	4192766	1.59E-03	2.00E-03	1.57E-03	1.58E-03	1.57E-03	1.17E-03	7.06E-04	1.14E-03	1.56E-03	1.22E-03	1.22E-03	1.22E-03	8.12E-04	3.56E-04
900	561150.7	4192768	1.62E-03	2.03E-03	1.60E-03	1.60E-03	1.60E-03	1.18E-03	7.18E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.25E-04	3.61E-04
901	561141	4192769	1.64E-03	2.06E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.27E-04	1.17E-03	1.60E-03	1.25E-03	1.26E-03	1.25E-03	8.36E-04	3.66E-04
902	561131.4	4192770	1.65E-03	2.08E-03	1.63E-03	1.64E-03	1.63E-03	1.21E-03	7.34E-04	1.18E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	8.44E-04	3.69E-04
903	561121.8	4192772	1.66E-03	2.09E-03	1.64E-03	1.65E-03	1.64E-03	1.22E-03	7.38E-04	1.19E-03	1.63E-03	1.27E-03	1.28E-03	1.27E-03	8.49E-04	3.72E-04
904	561356.9	4192629	8.87E-04	1.12E-03	8.76E-04	8.78E-04	8.76E-04	6.49E-04	3.94E-04	6.35E-04	8.69E-04	6.79E-04	6.81E-04	6.79E-04	4.53E-04	1.98E-04
905	561317.6	4192683	1.01E-03	1.27E-03	9.93E-04	9.96E-04	9.93E-04	7.36E-04	4.46E-04	7.20E-04	9.86E-04	7.70E-04	7.72E-04	7.70E-04	5.13E-04	2.25E-04
906	561312	4192691	1.02E-03	1.28E-03	1.01E-03	1.01E-03	1.01E-03	7.46E-04	4.52E-04	7.29E-04	9.98E-04	7.80E-04	7.82E-04	7.80E-04	5.20E-04	2.28E-04
907	561306.4	4192699	1.03E-03	1.30E-03	1.02E-03	1.02E-03	1.02E-03	7.54E-04	4.57E-04	7.37E-04	1.01E-03	7.89E-04	7.91E-04	7.89E-04	5.26E-04	2.30E-04
908	561300.8	4192707	1.04E-03	1.31E-03	1.03E-03	1.03E-03	1.03E-03	7.62E-04	4.62E-04	7.45E-04	1.02E-03	7.97E-04	7.99E-04	7.97E-04	5.32E-04	2.33E-04
909	561295.2	4192714	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.53E-04	1.03E-03	8.05E-04	8.08E-04	8.05E-04	5.37E-04	2.35E-04
910	561289.6	4192722	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.77E-04	4.71E-04	7.60E-04	1.04E-03	8.13E-04	8.15E-04	8.13E-04	5.42E-04	2.37E-04
911	561284	4192730	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.83E-04	4.75E-04	7.65E-04	1.05E-03	8.19E-04	8.21E-04	8.19E-04	5.46E-04	2.39E-04
912	561278.4	4192738	1.08E-03	1.35E-03	1.06E-03	1.07E-03	1.06E-03	7.88E-04	4.78E-04	7.70E-04	1.06E-03	8.24E-04	8.26E-04	8.24E-04	5.49E-04	2.41E-04
913	561272.8	4192746	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.92E-04	4.80E-04	7.74E-04	1.06E-03	8.28E-04	8.31E-04	8.28E-04	5.52E-04	2.42E-04
914	561267.2	4192753	1.09E-03	1.37E-03	1.07E-03	1.08E-03	1.07E-03	7.95E-04	4.82E-04	7.77E-04	1.06E-03	8.32E-04	8.34E-04	8.32E-04	5.54E-04	2.43E-04
915	561252.1	4192763	1.14E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.31E-04	5.04E-04	8.12E-04	1.11E-03	8.69E-04	8.72E-04	8.69E-04	5.80E-04	2.54E-04
916	561242.6	4192764	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.65E-04	5.25E-04	8.46E-04	1.16E-03	9.05E-04	9.07E-04	9.05E-04	6.03E-04	2.64E-04
917	561233.1	4192765	1.23E-03	1.55E-03	1.21E-03	1.22E-03	1.21E-03	9.00E-04	5.45E-04	8.79E-04	1.20E-03	9.41E-04	9.43E-04	9.41E-04	6.27E-04	2.75E-04
918	561223.6	4192767	1.28E-03	1.60E-03	1.26E-03	1.26E-03	1.26E-03	9.33E-04	5.66E-04	9.12E-04	1.25E-03	9.76E-04	9.79E-04	9.76E-04	6.51E-04	2.85E-04
919	561195	4192771	1.40E-03	1.76E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.23E-04	1.00E-03	1.38E-03	1.07E-03	1.08E-03	1.07E-03	7.16E-04	3.14E-04
920	561185.5	4192772	1.44E-03	1.81E-03	1.42E-03	1.43E-03	1.42E-03	1.05E-03	6.39E-04	1.03E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	7.35E-04	3.22E-04
921	561176	4192773	1.47E-03	1.85E-03	1.45E-03	1.46E-03	1.45E-03	1.08E-03	6.54E-04	1.05E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	7.52E-04	3.29E-04
922	561166.5	4192775	1.50E-03	1.89E-03	1.48E-03	1.49E-03	1.48E-03	1.10E-03	6.67E-04	1.07E-03	1.47E-03	1.15E-03	1.15E-03	1.15E-03	7.67E-04	3.36E-04
923	561157	4192776	1.53E-03	1.92E-03	1.51E-03	1.51E-03	1.51E-03	1.12E-03	6.78E-04	1.09E-03	1.50E-03	1.17E-03	1.17E-03	1.17E-03	7.80E-04	3.41E-04
924	561147.4	4192777	1.55E-03	1.95E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.87E-04	1.11E-03	1.52E-03	1.18E-03	1.19E-03	1.18E-03	7.90E-04	3.46E-04
925	561137.9	4192779	1.56E-03	1.97E-03	1.54E-03	1.55E-03	1.54E-03	1.15E-03	6.94E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.98E-04	3.50E-04
926	561128.4	4192780	1.58E-03	1.98E-03	1.56E-03	1.56E-03	1.56E-03	1.15E-03	7.00E-04	1.13E-03	1.55E-03	1.21E-03	1.21E-03	1.21E-03	8.05E-04	3.52E-04
927	561362.5	4192621	8.68E-04	1.09E-03	8.56E-04	8.59E-04	8.56E-04	6.35E-04	3.85E-04	6.21E-04	8.50E-04	6.64E-04	6.66E-04	6.64E-04	4.43E-04	1.94E-04
928	561364.6	4192611	8.67E-04	1.09E-03	8.56E-04	8.58E-04	8.56E-04	6.35E-04	3.85E-04	6.20E-04	8.50E-04	6.64E-04	6.66E-04	6.64E-04	4.43E-04	1.94E-04
929	561366.7	4192601	8.67E-04	1.09E-03	8.55E-04	8.58E-04	8.55E-04	6.34E-04	3.85E-04	6.20E-04	8.49E-04	6.63E-04	6.65E-04	6.63E-04	4.42E-04	1.94E-04
930	561368.8	4192592	8.66E-04	1.09E-03	8.54E-04	8.57E-04	8.54E-04	6.34E-04	3.84E-04	6.19E-04	8.48E-04	6.63E-04	6.64E-04	6.63E-04	4.42E-04	1.93E-04
931	561371	4192582	8.65E-04	1.09E-03	8.53E-04	8.56E-04	8.53E-04	6.33E-04	3.84E-04	6.18E-04	8.47E-04	6.62E-04	6.63E-04	6.62E-04	4.41E-04	1.93E-04
932	561373.1	4192573	8.63E-04	1.09E-03	8.52E-04	8.55E-04	8.52E-04	6.32E-04	3.83E-04	6.18E-04	8.46E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
933	561375.2	4192563	8.63E-04	1.08E-03	8.51E-04	8.54E-04	8.51E-04	6.31E-04	3.83E-04	6.17E-04	8.45E-04	6.60E-04	6.62E-04	6.60E-04	4.40E-04	1.93E-04
934	561377.4	4192553	8.62E-04	1.08E-03	8.51E-04	8.53E-04	8.51E-04	6.31E-04	3.82E-04	6.16E-04	8.45E-04	6.60E-04	6.62E-04	6.60E-04	4.40E-04	1.93E-04
935	561379.5	4192544	8.62E-04	1.08E-03	8.50E-04	8.53E-04	8.50E-04	6.31E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
936	561381.6	4192534	8.62E-04	1.08E-03	8.50E-04	8.53E-04	8.50E-04	6.31E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
937	561383.8	4192525	8.62E-04	1.08E-03	8.50E-04	8.53E-04	8.50E-04	6.31E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
938	561385.9	4192515	8.62E-04	1.08E-03	8.50E-04	8.53E-04	8.50E-04	6.31E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
939	561388	4192505	8.61E-04	1.08E-03	8.50E-04	8.52E-04	8.50E-04	6.30E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
940	561390.2	4192496	8.61E-04	1.08E-03	8.50E-04	8.52E-04	8.50E-04	6.30E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.39E-04	1.92E-04
941	561392.3	4192486	8.61E-04	1.08E-03	8.49E-04	8.52E-04	8.49E-04	6.30E-04	3.82E-04	6.15E-04	8.43E-04	6.59E-04	6.60E-04	6.59E-04	4.39E-04	1.92E-04
942	561394.4	4192476	8.59E-04	1.08E-03	8.48E-04	8.50E-04	8.48E-04	6.29E-04	3.81E-04	6.14E-04	8.42E-04	6.57E-04	6.59E-04	6.57E-04	4.38E-04	1.92E-04
943	561396.6	4192467	8.57E-04	1.08E-03	8.45E-04	8.48E-04	8.45E-04	6.27E-04	3.80E-04	6.13E-04	8.39E-04	6.56E-04	6.57E-04	6.56E-04	4.37E-04	1.91E-04
944	561398.7	4192457	8.53E-04	1.07E-03	8.42E-04	8.44E-04	8.42E-04	6.24E-04								

969	561376.5	4192604	8.17E-04	1.03E-03	8.06E-04	8.08E-04	8.06E-04	5.98E-04	3.62E-04	5.84E-04	8.00E-04	6.25E-04	6.27E-04	6.25E-04	4.17E-04	1.82E-04
970	561378.6	4192594	8.15E-04	1.03E-03	8.05E-04	8.07E-04	8.05E-04	5.97E-04	3.62E-04	5.83E-04	7.99E-04	6.24E-04	6.26E-04	6.24E-04	4.16E-04	1.82E-04
971	561380.7	4192584	8.14E-04	1.02E-03	8.03E-04	8.05E-04	8.03E-04	5.96E-04	3.61E-04	5.82E-04	7.98E-04	6.23E-04	6.25E-04	6.23E-04	4.15E-04	1.82E-04
972	561382.9	4192575	8.13E-04	1.02E-03	8.02E-04	8.04E-04	8.02E-04	5.95E-04	3.61E-04	5.81E-04	7.96E-04	6.22E-04	6.24E-04	6.22E-04	4.15E-04	1.82E-04
973	561385	4192565	8.11E-04	1.02E-03	8.01E-04	8.03E-04	8.01E-04	5.94E-04	3.60E-04	5.80E-04	7.95E-04	6.21E-04	6.23E-04	6.21E-04	4.14E-04	1.81E-04
974	561387.1	4192556	8.10E-04	1.02E-03	8.00E-04	8.02E-04	8.00E-04	5.93E-04	3.60E-04	5.80E-04	7.94E-04	6.20E-04	6.22E-04	6.20E-04	4.13E-04	1.81E-04
975	561389.3	4192546	8.09E-04	1.02E-03	7.99E-04	8.01E-04	7.99E-04	5.92E-04	3.59E-04	5.79E-04	7.93E-04	6.19E-04	6.21E-04	6.19E-04	4.13E-04	1.81E-04
976	561391.4	4192536	8.09E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.92E-04	3.59E-04	5.78E-04	7.93E-04	6.19E-04	6.21E-04	6.19E-04	4.13E-04	1.81E-04
977	561393.5	4192527	8.08E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.92E-04	3.59E-04	5.78E-04	7.92E-04	6.19E-04	6.20E-04	6.19E-04	4.12E-04	1.81E-04
978	561395.7	4192517	8.08E-04	1.02E-03	7.97E-04	8.00E-04	7.97E-04	5.91E-04	3.59E-04	5.78E-04	7.92E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.81E-04
979	561397.8	4192507	8.08E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.91E-04	3.59E-04	5.78E-04	7.92E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.81E-04
980	561399.9	4192498	8.08E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.91E-04	3.59E-04	5.78E-04	7.92E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.81E-04
981	561402.1	4192488	8.08E-04	1.02E-03	7.97E-04	8.00E-04	7.97E-04	5.91E-04	3.58E-04	5.78E-04	7.92E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.80E-04
982	561404.2	4192479	8.07E-04	1.01E-03	7.96E-04	7.98E-04	7.96E-04	5.90E-04	3.58E-04	5.77E-04	7.90E-04	6.17E-04	6.19E-04	6.17E-04	4.12E-04	1.80E-04
983	561406.3	4192469	8.05E-04	1.01E-03	7.94E-04	7.96E-04	7.94E-04	5.89E-04	3.57E-04	5.75E-04	7.88E-04	6.16E-04	6.17E-04	6.16E-04	4.11E-04	1.80E-04
984	561408.5	4192459	8.02E-04	1.01E-03	7.91E-04	7.93E-04	7.91E-04	5.87E-04	3.56E-04	5.73E-04	7.86E-04	6.13E-04	6.15E-04	6.13E-04	4.09E-04	1.79E-04
985	561376.5	4192633	7.89E-04	9.93E-04	7.79E-04	7.81E-04	7.79E-04	5.78E-04	3.50E-04	5.65E-04	7.74E-04	6.04E-04	6.06E-04	6.04E-04	4.03E-04	1.76E-04
986	561360	4192656	8.37E-04	1.05E-03	8.26E-04	8.29E-04	8.26E-04	6.13E-04	3.72E-04	5.99E-04	8.20E-04	6.41E-04	6.43E-04	6.41E-04	4.27E-04	1.87E-04
987	561354.5	4192663	8.52E-04	1.07E-03	8.41E-04	8.43E-04	8.41E-04	6.24E-04	3.78E-04	6.10E-04	8.35E-04	6.52E-04	6.54E-04	6.52E-04	4.35E-04	1.90E-04
988	561349	4192671	8.67E-04	1.09E-03	8.55E-04	8.58E-04	8.55E-04	6.34E-04	3.84E-04	6.20E-04	8.49E-04	6.63E-04	6.65E-04	6.63E-04	4.42E-04	1.94E-04
989	561343.5	4192679	8.80E-04	1.11E-03	8.68E-04	8.71E-04	8.68E-04	6.44E-04	3.90E-04	6.29E-04	8.62E-04	6.73E-04	6.75E-04	6.73E-04	4.49E-04	1.97E-04
990	561338	4192686	8.93E-04	1.12E-03	8.81E-04	8.83E-04	8.81E-04	6.53E-04	3.96E-04	6.38E-04	8.75E-04	6.83E-04	6.85E-04	6.83E-04	4.55E-04	1.99E-04
991	561332.5	4192694	9.04E-04	1.14E-03	8.92E-04	8.95E-04	8.92E-04	6.62E-04	4.01E-04	6.47E-04	8.86E-04	6.92E-04	6.94E-04	6.92E-04	4.61E-04	2.02E-04
992	561305	4192732	9.52E-04	1.20E-03	9.40E-04	9.43E-04	9.40E-04	6.97E-04	4.23E-04	6.81E-04	9.33E-04	7.29E-04	7.31E-04	7.29E-04	4.86E-04	2.13E-04
993	561299.5	4192740	9.60E-04	1.21E-03	9.48E-04	9.50E-04	9.48E-04	7.03E-04	4.26E-04	6.87E-04	9.41E-04	7.35E-04	7.37E-04	7.35E-04	4.90E-04	2.14E-04
994	561294	4192748	9.67E-04	1.22E-03	9.54E-04	9.57E-04	9.54E-04	7.08E-04	4.29E-04	6.91E-04	9.47E-04	7.40E-04	7.42E-04	7.40E-04	4.93E-04	2.16E-04
995	561288.5	4192755	9.73E-04	1.22E-03	9.60E-04	9.62E-04	9.60E-04	7.12E-04	4.32E-04	6.96E-04	9.53E-04	7.44E-04	7.46E-04	7.44E-04	4.96E-04	2.17E-04
996	561283	4192763	9.78E-04	1.23E-03	9.65E-04	9.67E-04	9.65E-04	7.15E-04	4.34E-04	6.99E-04	9.58E-04	7.48E-04	7.50E-04	7.48E-04	4.99E-04	2.18E-04
997	561277.5	4192771	9.82E-04	1.23E-03	9.69E-04	9.71E-04	9.69E-04	7.18E-04	4.36E-04	7.02E-04	9.62E-04	7.51E-04	7.53E-04	7.51E-04	5.01E-04	2.19E-04
998	561262.7	4192780	1.02E-03	1.29E-03	1.01E-03	1.01E-03	1.01E-03	7.49E-04	4.54E-04	7.32E-04	1.00E-03	7.84E-04	7.86E-04	7.84E-04	5.22E-04	2.29E-04
999	561253.3	4192781	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.78E-04	4.72E-04	7.61E-04	1.04E-03	8.14E-04	8.16E-04	8.14E-04	5.43E-04	2.38E-04
1000	561244	4192782	1.10E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	8.08E-04	4.90E-04	7.89E-04	1.08E-03	8.44E-04	8.47E-04	8.44E-04	5.63E-04	2.46E-04
1001	561234.6	4192784	1.14E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.36E-04	5.07E-04	8.17E-04	1.12E-03	8.75E-04	8.77E-04	8.75E-04	5.83E-04	2.55E-04
1002	561225.3	4192785	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.65E-04	5.24E-04	8.45E-04	1.16E-03	9.04E-04	9.07E-04	9.04E-04	6.03E-04	2.64E-04
1003	561215.9	4192786	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.92E-04	5.41E-04	8.72E-04	1.19E-03	9.33E-04	9.35E-04	9.33E-04	6.22E-04	2.72E-04
1004	561187.9	4192790	1.32E-03	1.66E-03	1.30E-03	1.31E-03	1.30E-03	9.65E-04	5.85E-04	9.43E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.73E-04	2.95E-04
1005	561178.6	4192792	1.35E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.85E-04	5.97E-04	9.63E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.87E-04	3.01E-04
1006	561382	4192625	7.73E-04	9.72E-04	7.63E-04	7.65E-04	7.63E-04	5.66E-04	3.43E-04	5.53E-04	7.57E-04	5.91E-04	5.93E-04	5.91E-04	3.94E-04	1.73E-04
1007	561384.1	4192615	7.72E-04	9.71E-04	7.62E-04	7.64E-04	7.62E-04	5.65E-04	3.43E-04	5.52E-04	7.56E-04	5.91E-04	5.92E-04	5.91E-04	3.94E-04	1.72E-04
1008	561386.2	4192606	7.71E-04	9.69E-04	7.61E-04	7.63E-04	7.61E-04	5.64E-04	3.42E-04	5.51E-04	7.55E-04	5.90E-04	5.92E-04	5.90E-04	3.93E-04	1.72E-04
1009	561388.4	4192596	7.69E-04	9.68E-04	7.59E-04	7.61E-04	7.59E-04	5.63E-04	3.41E-04	5.50E-04	7.54E-04	5.89E-04	5.90E-04	5.89E-04	3.93E-04	1.72E-04
1010	561390.5	4192587	7.68E-04	9.66E-04	7.58E-04	7.60E-04	7.58E-04	5.62E-04	3.41E-04	5.49E-04	7.52E-04	5.88E-04	5.89E-04	5.88E-04	3.92E-04	1.72E-04
1011	561392.6	4192577	7.66E-04	9.64E-04	7.56E-04	7.58E-04	7.56E-04	5.61E-04	3.40E-04	5.48E-04	7.51E-04	5.86E-04	5.88E-04	5.86E-04	3.91E-04	1.71E-04
1012	561394.8	4192567	7.65E-04	9.62E-04	7.55E-04	7.57E-04	7.55E-04	5.60E-04	3.39E-04	5.47E-04	7.49E-04	5.85E-04	5.87E-04	5.85E-04	3.90E-04	1.71E-04
1013	561396.9	4192558	7.63E-04	9.60E-04	7.53E-04	7.55E-04	7.53E-04	5.58E-04	3.39E-04	5.46E-04	7.48E-04	5.84E-04	5.86E-04	5.84E-04	3.89E-04	1.70E-04
1014	561399	4192548	7.62E-04	9.58E-04	7.52E-04	7.54E-04	7.52E-04	5.57E-04	3.38E-04	5.45E-04	7.46E-04	5.83E-04	5.84E-04	5.83E-04	3.89E-04	1.70E-04
1015	561401.2	4192538	7.61E-04	9.57E-04	7.51E-04	7.53E-04	7.51E-04	5.57E-04	3.37E-04	5.44E-04	7.45E-04	5.82E-04	5.84E-04	5.82E-04	3.88E-04	1.70E-04
1016	561403.3	4192529	7.60E-04	9.56E-04	7.50E-04	7.52E-04	7.50E-04	5.56E-04	3.37E-04	5.44E-04	7.45E-04	5.82E-04	5.83E-04	5.82E-04	3.88E-04	1.70E-04
1017	561405.4	4192519	7.59E-04	9.55E-04	7.49E-04	7.52E-04	7.49E-04	5.56E-04	3.37E-04	5.43E-04	7.44E-04	5.81E-04	5.83E-04	5.81E-04	3.87E-04	1.70E-04
1018	561407.6	4192510	7.60E-04	9.55E-04	7.50E-04	7.52E-04	7.50E-04	5.56E-04	3.37E-04	5.43E-04	7.44E-04	5.81E-04	5.83E-04	5.81E-04	3.88E-04	1.70E-04
1019	561409.7	4192500	7.60E-04	9.55E-04	7.50E-04	7.52E-04	7.50E-04	5.56E-04	3.37E-04	5.43E-04	7.44E-04	5.81E-04	5.83E-04	5.81E-04	3.88E-04	1.70E-04
1020	561411.8	4192490	7.60E-04	9.56E-04	7.50E-04	7.52E-04	7.50E-04	5.56E-04	3.37E-04	5.43E-04	7.45E-04	5.81E-04	5.83E-04	5.81E-04	3.88E-04	1.70E-04
1021	561414	4192481	7.59E-04	9.54E-04	7.49E-04	7.51E-04	7.49E-04	5.55E-04	3.37E-04	5.43E-04	7.44E-04	5.81E-04	5.82E-04	5.81E-04	3.87E-04	1.70E-04
1022	561416.1	4192471	7.57E-04	9.52E-04	7.47E-04	7.49E-04	7.47E-04	5.54E-04	3.36E-04	5.41E-04	7.42E-04	5.79E-04	5.81E-04	5.79E-04	3.86E-04	1.69E-04
1023	561418.2	4192462	7.54E-04	9.48E-04	7.44E-04	7.46E-04	7.44E-04	5.52E-04	3.35E-04	5.39E-04	7.39E-04	5.77E-04	5.79E-04	5.77E-04	3.85E-04	1.68E-04
1024	561386	4192635	7.47E-04	9.40E-04	7.37E-04	7.39E-04	7.37E-04	5.47E-04	3.32E-04	5.34E-04	7.32E-04	5.72E-04	5.73E-04	5.72E-04	3.81E-04	1.67E-04
1025	561368.8	4192659	7.94E-04	9.98E-04	7.84E-04	7.86E-04	7.8									

1050	561404.5	4192570	7.22E-04	9.08E-04	7.13E-04	7.15E-04	7.13E-04	5.29E-04	3.20E-04	5.16E-04	7.08E-04	5.53E-04	5.54E-04	5.53E-04	3.68E-04	1.61E-04
1051	561406.7	4192560	7.20E-04	9.06E-04	7.11E-04	7.13E-04	7.11E-04	5.27E-04	3.20E-04	5.15E-04	7.06E-04	5.51E-04	5.53E-04	5.51E-04	3.67E-04	1.61E-04
1052	561408.8	4192550	7.18E-04	9.03E-04	7.09E-04	7.11E-04	7.09E-04	5.26E-04	3.19E-04	5.14E-04	7.04E-04	5.50E-04	5.51E-04	5.50E-04	3.66E-04	1.60E-04
1053	561410.9	4192541	7.17E-04	9.01E-04	7.07E-04	7.09E-04	7.07E-04	5.25E-04	3.18E-04	5.13E-04	7.02E-04	5.48E-04	5.50E-04	5.48E-04	3.66E-04	1.60E-04
1054	561413.1	4192531	7.16E-04	9.00E-04	7.07E-04	7.08E-04	7.07E-04	5.24E-04	3.18E-04	5.12E-04	7.01E-04	5.48E-04	5.49E-04	5.48E-04	3.65E-04	1.60E-04
1055	561415.2	4192521	7.15E-04	9.00E-04	7.06E-04	7.08E-04	7.06E-04	5.24E-04	3.17E-04	5.12E-04	7.01E-04	5.47E-04	5.49E-04	5.47E-04	3.65E-04	1.60E-04
1056	561417.3	4192512	7.15E-04	9.00E-04	7.06E-04	7.08E-04	7.06E-04	5.24E-04	3.17E-04	5.12E-04	7.01E-04	5.47E-04	5.49E-04	5.47E-04	3.65E-04	1.60E-04
1057	561419.5	4192502	7.16E-04	9.00E-04	7.06E-04	7.08E-04	7.06E-04	5.24E-04	3.17E-04	5.12E-04	7.01E-04	5.48E-04	5.49E-04	5.48E-04	3.65E-04	1.60E-04
1058	561421.6	4192493	7.15E-04	8.99E-04	7.06E-04	7.08E-04	7.06E-04	5.23E-04	3.17E-04	5.12E-04	7.01E-04	5.47E-04	5.49E-04	5.47E-04	3.65E-04	1.60E-04
1059	561423.7	4192483	7.14E-04	8.98E-04	7.05E-04	7.07E-04	7.05E-04	5.23E-04	3.17E-04	5.11E-04	7.00E-04	5.47E-04	5.48E-04	5.47E-04	3.64E-04	1.60E-04
1060	561425.9	4192473	7.13E-04	8.96E-04	7.03E-04	7.05E-04	7.03E-04	5.21E-04	3.16E-04	5.10E-04	6.98E-04	5.45E-04	5.47E-04	5.45E-04	3.64E-04	1.59E-04
1061	561428	4192464	7.10E-04	8.93E-04	7.01E-04	7.03E-04	7.01E-04	5.20E-04	3.15E-04	5.08E-04	6.96E-04	5.43E-04	5.45E-04	5.43E-04	3.62E-04	1.59E-04
1062	561395.8	4192637	7.07E-04	8.89E-04	6.98E-04	7.00E-04	6.98E-04	5.18E-04	3.14E-04	5.06E-04	6.93E-04	5.41E-04	5.43E-04	5.41E-04	3.61E-04	1.58E-04
1063	561378.8	4192661	7.51E-04	9.45E-04	7.41E-04	7.43E-04	7.41E-04	5.50E-04	3.33E-04	5.37E-04	7.36E-04	5.75E-04	5.77E-04	5.75E-04	3.83E-04	1.68E-04
1064	561373.1	4192669	7.65E-04	9.62E-04	7.55E-04	7.57E-04	7.55E-04	5.60E-04	3.39E-04	5.47E-04	7.49E-04	5.85E-04	5.87E-04	5.85E-04	3.90E-04	1.71E-04
1065	561367.5	4192677	7.78E-04	9.78E-04	7.67E-04	7.70E-04	7.67E-04	5.69E-04	3.45E-04	5.56E-04	7.62E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
1066	561361.8	4192685	7.90E-04	9.93E-04	7.80E-04	7.82E-04	7.80E-04	5.78E-04	3.50E-04	5.65E-04	7.74E-04	6.05E-04	6.06E-04	6.05E-04	4.03E-04	1.76E-04
1067	561356.1	4192693	8.01E-04	1.01E-03	7.91E-04	7.93E-04	7.91E-04	5.87E-04	3.56E-04	5.73E-04	7.85E-04	6.13E-04	6.15E-04	6.13E-04	4.09E-04	1.79E-04
1068	561350.4	4192701	8.12E-04	1.02E-03	8.02E-04	8.04E-04	8.02E-04	5.94E-04	3.60E-04	5.81E-04	7.96E-04	6.21E-04	6.23E-04	6.21E-04	4.14E-04	1.81E-04
1069	561344.8	4192708	8.22E-04	1.03E-03	8.11E-04	8.14E-04	8.11E-04	6.02E-04	3.65E-04	5.88E-04	8.06E-04	6.29E-04	6.31E-04	6.29E-04	4.19E-04	1.84E-04
1070	561339.1	4192716	8.31E-04	1.05E-03	8.21E-04	8.23E-04	8.21E-04	6.08E-04	3.69E-04	5.95E-04	8.15E-04	6.36E-04	6.38E-04	6.36E-04	4.24E-04	1.86E-04
1071	561333.4	4192724	8.40E-04	1.06E-03	8.29E-04	8.31E-04	8.29E-04	6.15E-04	3.73E-04	6.01E-04	8.23E-04	6.43E-04	6.45E-04	6.43E-04	4.29E-04	1.88E-04
1072	561327.7	4192732	8.48E-04	1.07E-03	8.37E-04	8.40E-04	8.37E-04	6.21E-04	3.76E-04	6.07E-04	8.31E-04	6.49E-04	6.51E-04	6.49E-04	4.33E-04	1.90E-04
1073	561322.1	4192740	8.57E-04	1.08E-03	8.46E-04	8.48E-04	8.46E-04	6.27E-04	3.80E-04	6.13E-04	8.39E-04	6.56E-04	6.57E-04	6.56E-04	4.37E-04	1.91E-04
1074	561293.7	4192780	8.87E-04	1.12E-03	8.76E-04	8.78E-04	8.76E-04	6.49E-04	3.94E-04	6.35E-04	8.69E-04	6.79E-04	6.81E-04	6.79E-04	4.53E-04	1.98E-04
1075	561288	4192788	8.91E-04	1.12E-03	8.80E-04	8.82E-04	8.80E-04	6.52E-04	3.95E-04	6.37E-04	8.73E-04	6.82E-04	6.84E-04	6.82E-04	4.55E-04	1.99E-04
1076	561272.7	4192797	9.30E-04	1.17E-03	9.18E-04	9.20E-04	9.18E-04	6.81E-04	4.13E-04	6.65E-04	9.11E-04	7.12E-04	7.14E-04	7.12E-04	4.75E-04	2.08E-04
1077	561263.1	4192798	9.66E-04	1.21E-03	9.53E-04	9.56E-04	9.53E-04	7.07E-04	4.29E-04	6.91E-04	9.46E-04	7.39E-04	7.41E-04	7.39E-04	4.93E-04	2.16E-04
1078	561253.4	4192800	1.00E-03	1.26E-03	9.89E-04	9.91E-04	9.89E-04	7.33E-04	4.44E-04	7.16E-04	9.82E-04	7.67E-04	7.69E-04	7.67E-04	5.11E-04	2.24E-04
1079	561243.8	4192801	1.04E-03	1.30E-03	1.02E-03	1.03E-03	1.02E-03	7.59E-04	4.60E-04	7.42E-04	1.02E-03	7.94E-04	7.96E-04	7.94E-04	5.29E-04	2.32E-04
1080	561234.2	4192802	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.85E-04	4.76E-04	7.67E-04	1.05E-03	8.21E-04	8.23E-04	8.21E-04	5.47E-04	2.40E-04
1081	561224.5	4192804	1.11E-03	1.39E-03	1.09E-03	1.10E-03	1.09E-03	8.10E-04	4.91E-04	7.92E-04	1.08E-03	8.47E-04	8.49E-04	8.47E-04	5.65E-04	2.47E-04
1082	561401.5	4192629	6.92E-04	8.71E-04	6.83E-04	6.85E-04	6.83E-04	5.07E-04	3.07E-04	4.95E-04	6.78E-04	5.30E-04	5.31E-04	5.30E-04	3.53E-04	1.55E-04
1083	561403.6	4192620	6.91E-04	8.70E-04	6.82E-04	6.84E-04	6.82E-04	5.06E-04	3.07E-04	4.94E-04	6.78E-04	5.29E-04	5.31E-04	5.29E-04	3.53E-04	1.54E-04
1084	561405.8	4192610	6.91E-04	8.68E-04	6.81E-04	6.83E-04	6.81E-04	5.05E-04	3.06E-04	4.94E-04	6.77E-04	5.28E-04	5.30E-04	5.28E-04	3.52E-04	1.54E-04
1085	561407.9	4192601	6.89E-04	8.66E-04	6.80E-04	6.82E-04	6.80E-04	5.04E-04	3.06E-04	4.93E-04	6.75E-04	5.27E-04	5.29E-04	5.27E-04	3.52E-04	1.54E-04
1086	561410	4192591	6.87E-04	8.64E-04	6.78E-04	6.80E-04	6.78E-04	5.03E-04	3.05E-04	4.91E-04	6.73E-04	5.26E-04	5.27E-04	5.26E-04	3.51E-04	1.54E-04
1087	561412.2	4192581	6.85E-04	8.62E-04	6.76E-04	6.78E-04	6.76E-04	5.02E-04	3.04E-04	4.90E-04	6.72E-04	5.25E-04	5.26E-04	5.25E-04	3.50E-04	1.53E-04
1088	561414.3	4192572	6.83E-04	8.59E-04	6.74E-04	6.76E-04	6.74E-04	5.00E-04	3.03E-04	4.89E-04	6.70E-04	5.23E-04	5.24E-04	5.23E-04	3.49E-04	1.53E-04
1089	561416.4	4192562	6.81E-04	8.56E-04	6.72E-04	6.74E-04	6.72E-04	4.98E-04	3.02E-04	4.87E-04	6.67E-04	5.21E-04	5.23E-04	5.21E-04	3.47E-04	1.52E-04
1090	561418.6	4192552	6.79E-04	8.54E-04	6.70E-04	6.72E-04	6.70E-04	4.97E-04	3.01E-04	4.85E-04	6.65E-04	5.19E-04	5.21E-04	5.19E-04	3.46E-04	1.52E-04
1091	561420.7	4192543	6.77E-04	8.52E-04	6.68E-04	6.70E-04	6.68E-04	4.96E-04	3.01E-04	4.84E-04	6.64E-04	5.18E-04	5.20E-04	5.18E-04	3.46E-04	1.51E-04
1092	561422.8	4192533	6.76E-04	8.51E-04	6.68E-04	6.69E-04	6.68E-04	4.95E-04	3.00E-04	4.84E-04	6.63E-04	5.18E-04	5.19E-04	5.18E-04	3.45E-04	1.51E-04
1093	561425	4192524	6.76E-04	8.50E-04	6.67E-04	6.69E-04	6.67E-04	4.95E-04	3.00E-04	4.83E-04	6.62E-04	5.17E-04	5.19E-04	5.17E-04	3.45E-04	1.51E-04
1094	561427.1	4192514	6.75E-04	8.49E-04	6.66E-04	6.68E-04	6.66E-04	4.94E-04	3.00E-04	4.83E-04	6.62E-04	5.17E-04	5.18E-04	5.17E-04	3.45E-04	1.51E-04
1095	561429.2	4192504	6.75E-04	8.49E-04	6.66E-04	6.68E-04	6.66E-04	4.94E-04	2.99E-04	4.83E-04	6.61E-04	5.17E-04	5.18E-04	5.17E-04	3.44E-04	1.51E-04
1096	561431.4	4192495	6.75E-04	8.48E-04	6.66E-04	6.68E-04	6.66E-04	4.94E-04	2.99E-04	4.82E-04	6.61E-04	5.16E-04	5.18E-04	5.16E-04	3.44E-04	1.51E-04
1097	561433.5	4192485	6.74E-04	8.47E-04	6.65E-04	6.67E-04	6.65E-04	4.93E-04	2.99E-04	4.82E-04	6.60E-04	5.15E-04	5.17E-04	5.15E-04	3.44E-04	1.50E-04
1098	561435.6	4192475	6.72E-04	8.45E-04	6.63E-04	6.65E-04	6.63E-04	4.92E-04	2.98E-04	4.80E-04	6.58E-04	5.14E-04	5.16E-04	5.14E-04	3.43E-04	1.50E-04
1099	561437.7	4192466	6.70E-04	8.42E-04	6.61E-04	6.63E-04	6.61E-04	4.90E-04	2.97E-04	4.79E-04	6.56E-04	5.13E-04	5.14E-04	5.13E-04	3.42E-04	1.50E-04
1100	561405.6	4192639	6.70E-04	8.43E-04	6.62E-04	6.63E-04	6.62E-04	4.91E-04	2.97E-04	4.79E-04	6.57E-04	5.13E-04	5.14E-04	5.13E-04	3.42E-04	1.50E-04
1101	561388.8	4192663	7.12E-04	8.95E-04	7.02E-04	7.04E-04	7.02E-04	5.21E-04	3.16E-04	5.09E-04	6.97E-04	5.45E-04	5.46E-04	5.45E-04	3.63E-04	1.59E-04
1102	561383.1	4192671	7.25E-04	9.11E-04	7.15E-04	7.17E-04	7.15E-04	5.30E-04	3.22E-04	5.18E-04	7.10E-04	5.55E-04	5.56E-04	5.55E-04	3.70E-04	1.62E-04
1103	561377.5	4192679	7.37E-04	9.27E-04	7.27E-04	7.29E-04	7.27E-04	5.39E-04	3.27E-04	5.27E-04	7.22E-04	5.64E-04	5.65E-04	5.64E-04	3.76E-04	1.65E-04
1104	561371.9	4192686	7.48E-04	9.41E-04	7.38E-04	7.41E-04	7.38E-04	5.48E-04	3.32E-04	5.35E-04	7.33E-04	5.73E-04	5.74E-04	5.73E-04	3.82E-04	1.67E-04
1105	561366.3	4192694	7.59E-04	9.55E-04	7.49E-04	7.51E-04	7.49E-04	5.56E-04	3.37E-04	5.43E-04	7.44E-04	5.81E-04	5.83E-04	5.81E-04	3.87E-04	1.70E-04
1106	561360.7	4192702	7.69E-04													

1131	561434.7	4192526	6.39E-04	8.04E-04	6.31E-04	6.33E-04	6.31E-04	4.68E-04	2.84E-04	4.57E-04	6.27E-04	4.89E-04	4.91E-04	4.89E-04	3.26E-04	1.43E-04
1132	561436.9	4192516	6.39E-04	8.03E-04	6.30E-04	6.32E-04	6.30E-04	4.67E-04	2.83E-04	4.57E-04	6.26E-04	4.89E-04	4.90E-04	4.89E-04	3.26E-04	1.43E-04
1133	561439	4192506	6.38E-04	8.02E-04	6.30E-04	6.31E-04	6.30E-04	4.67E-04	2.83E-04	4.56E-04	6.25E-04	4.88E-04	4.90E-04	4.88E-04	3.26E-04	1.43E-04
1134	561441.1	4192497	6.37E-04	8.01E-04	6.29E-04	6.31E-04	6.29E-04	4.66E-04	2.83E-04	4.56E-04	6.24E-04	4.88E-04	4.89E-04	4.88E-04	3.25E-04	1.42E-04
1135	561443.2	4192487	6.36E-04	8.00E-04	6.28E-04	6.29E-04	6.28E-04	4.65E-04	2.82E-04	4.55E-04	6.23E-04	4.87E-04	4.88E-04	4.87E-04	3.25E-04	1.42E-04
1136	561445.4	4192478	6.35E-04	7.98E-04	6.26E-04	6.28E-04	6.26E-04	4.64E-04	2.82E-04	4.54E-04	6.22E-04	4.86E-04	4.87E-04	4.86E-04	3.24E-04	1.42E-04
1137	561447.5	4192468	6.33E-04	7.96E-04	6.25E-04	6.26E-04	6.25E-04	4.63E-04	2.81E-04	4.53E-04	6.20E-04	4.84E-04	4.86E-04	4.84E-04	3.23E-04	1.41E-04
1138	561415.5	4192641	6.37E-04	8.01E-04	6.28E-04	6.30E-04	6.28E-04	4.66E-04	2.82E-04	4.55E-04	6.24E-04	4.87E-04	4.88E-04	4.87E-04	3.25E-04	1.42E-04
1139	561398.7	4192665	6.75E-04	8.49E-04	6.66E-04	6.68E-04	6.66E-04	4.94E-04	2.99E-04	4.83E-04	6.61E-04	5.16E-04	5.18E-04	5.16E-04	3.44E-04	1.51E-04
1140	561393.1	4192673	6.87E-04	8.64E-04	6.78E-04	6.80E-04	6.78E-04	5.03E-04	3.05E-04	4.91E-04	6.73E-04	5.26E-04	5.27E-04	5.26E-04	3.51E-04	1.53E-04
1141	561387.6	4192680	6.99E-04	8.79E-04	6.90E-04	6.92E-04	6.90E-04	5.11E-04	3.10E-04	5.00E-04	6.85E-04	5.35E-04	5.36E-04	5.35E-04	3.57E-04	1.56E-04
1142	561382	4192688	7.10E-04	8.93E-04	7.01E-04	7.03E-04	7.01E-04	5.20E-04	3.15E-04	5.08E-04	6.96E-04	5.43E-04	5.45E-04	5.43E-04	3.62E-04	1.59E-04
1143	561376.4	4192696	7.20E-04	9.06E-04	7.11E-04	7.13E-04	7.11E-04	5.27E-04	3.19E-04	5.15E-04	7.06E-04	5.51E-04	5.53E-04	5.51E-04	3.67E-04	1.61E-04
1144	561370.8	4192704	7.30E-04	9.18E-04	7.20E-04	7.22E-04	7.20E-04	5.34E-04	3.24E-04	5.22E-04	7.15E-04	5.58E-04	5.60E-04	5.58E-04	3.72E-04	1.63E-04
1145	561365.2	4192711	7.39E-04	9.29E-04	7.29E-04	7.31E-04	7.29E-04	5.41E-04	3.28E-04	5.28E-04	7.24E-04	5.65E-04	5.67E-04	5.65E-04	3.77E-04	1.65E-04
1146	561359.7	4192719	7.47E-04	9.40E-04	7.37E-04	7.40E-04	7.37E-04	5.47E-04	3.32E-04	5.34E-04	7.32E-04	5.72E-04	5.73E-04	5.72E-04	3.81E-04	1.67E-04
1147	561354.1	4192727	7.55E-04	9.50E-04	7.45E-04	7.47E-04	7.45E-04	5.53E-04	3.35E-04	5.40E-04	7.40E-04	5.78E-04	5.80E-04	5.78E-04	3.85E-04	1.69E-04
1148	561348.5	4192735	7.63E-04	9.59E-04	7.53E-04	7.55E-04	7.53E-04	5.58E-04	3.38E-04	5.45E-04	7.47E-04	5.84E-04	5.85E-04	5.84E-04	3.89E-04	1.70E-04
1149	561342.9	4192743	7.70E-04	9.68E-04	7.60E-04	7.62E-04	7.60E-04	5.63E-04	3.42E-04	5.51E-04	7.54E-04	5.89E-04	5.91E-04	5.89E-04	3.93E-04	1.72E-04
1150	561337.3	4192750	7.77E-04	9.77E-04	7.67E-04	7.69E-04	7.67E-04	5.69E-04	3.45E-04	5.56E-04	7.61E-04	5.95E-04	5.96E-04	5.95E-04	3.96E-04	1.74E-04
1151	561331.8	4192758	7.84E-04	9.86E-04	7.73E-04	7.76E-04	7.73E-04	5.74E-04	3.48E-04	5.60E-04	7.68E-04	6.00E-04	6.01E-04	6.00E-04	4.00E-04	1.75E-04
1152	561326.2	4192766	7.89E-04	9.93E-04	7.79E-04	7.81E-04	7.79E-04	5.78E-04	3.50E-04	5.64E-04	7.73E-04	6.04E-04	6.06E-04	6.04E-04	4.03E-04	1.76E-04
1153	561320.6	4192774	7.94E-04	9.99E-04	7.84E-04	7.86E-04	7.84E-04	5.81E-04	3.52E-04	5.68E-04	7.78E-04	6.08E-04	6.10E-04	6.08E-04	4.05E-04	1.77E-04
1154	561315	4192782	7.99E-04	1.01E-03	7.89E-04	7.91E-04	7.89E-04	5.85E-04	3.55E-04	5.72E-04	7.83E-04	6.12E-04	6.13E-04	6.12E-04	4.08E-04	1.79E-04
1155	561309.5	4192789	8.04E-04	1.01E-03	7.94E-04	7.96E-04	7.94E-04	5.89E-04	3.57E-04	5.75E-04	7.88E-04	6.15E-04	6.17E-04	6.15E-04	4.10E-04	1.80E-04
1156	561283.2	4192814	8.47E-04	1.07E-03	8.36E-04	8.39E-04	8.36E-04	6.20E-04	3.76E-04	6.06E-04	8.30E-04	6.48E-04	6.50E-04	6.48E-04	4.32E-04	1.89E-04
1157	561273.8	4192815	8.78E-04	1.10E-03	8.67E-04	8.69E-04	8.67E-04	6.43E-04	3.90E-04	6.28E-04	8.61E-04	6.72E-04	6.74E-04	6.72E-04	4.48E-04	1.96E-04
1158	561264.3	4192817	9.10E-04	1.14E-03	8.98E-04	9.00E-04	8.98E-04	6.66E-04	4.04E-04	6.51E-04	8.91E-04	6.96E-04	6.98E-04	6.96E-04	4.64E-04	2.03E-04
1159	561421	4192634	6.24E-04	7.85E-04	6.16E-04	6.18E-04	6.16E-04	4.57E-04	2.77E-04	4.46E-04	6.11E-04	4.78E-04	4.79E-04	4.78E-04	3.18E-04	1.39E-04
1160	561423.2	4192624	6.23E-04	7.84E-04	6.15E-04	6.17E-04	6.15E-04	4.56E-04	2.76E-04	4.46E-04	6.11E-04	4.77E-04	4.78E-04	4.77E-04	3.18E-04	1.39E-04
1161	561425.3	4192614	6.22E-04	7.82E-04	6.14E-04	6.15E-04	6.14E-04	4.55E-04	2.76E-04	4.45E-04	6.09E-04	4.76E-04	4.77E-04	4.76E-04	3.17E-04	1.39E-04
1162	561427.4	4192605	6.20E-04	7.80E-04	6.12E-04	6.14E-04	6.12E-04	4.54E-04	2.75E-04	4.43E-04	6.08E-04	4.75E-04	4.76E-04	4.75E-04	3.16E-04	1.39E-04
1163	561429.6	4192595	6.18E-04	7.77E-04	6.10E-04	6.12E-04	6.10E-04	4.52E-04	2.74E-04	4.42E-04	6.06E-04	4.73E-04	4.74E-04	4.73E-04	3.15E-04	1.38E-04
1164	561431.7	4192586	6.16E-04	7.74E-04	6.08E-04	6.09E-04	6.08E-04	4.51E-04	2.73E-04	4.40E-04	6.03E-04	4.71E-04	4.73E-04	4.71E-04	3.14E-04	1.38E-04
1165	561433.8	4192576	6.14E-04	7.72E-04	6.06E-04	6.07E-04	6.06E-04	4.49E-04	2.72E-04	4.39E-04	6.01E-04	4.70E-04	4.71E-04	4.70E-04	3.13E-04	1.37E-04
1166	561436	4192566	6.12E-04	7.69E-04	6.04E-04	6.05E-04	6.04E-04	4.48E-04	2.71E-04	4.37E-04	5.99E-04	4.68E-04	4.69E-04	4.68E-04	3.12E-04	1.37E-04
1167	561438.1	4192557	6.10E-04	7.67E-04	6.02E-04	6.04E-04	6.02E-04	4.46E-04	2.71E-04	4.36E-04	5.98E-04	4.67E-04	4.68E-04	4.67E-04	3.11E-04	1.36E-04
1168	561440.2	4192547	6.08E-04	7.65E-04	6.00E-04	6.02E-04	6.00E-04	4.45E-04	2.70E-04	4.35E-04	5.96E-04	4.66E-04	4.67E-04	4.66E-04	3.10E-04	1.36E-04
1169	561442.4	4192538	6.07E-04	7.63E-04	5.99E-04	6.01E-04	5.99E-04	4.44E-04	2.69E-04	4.34E-04	5.95E-04	4.65E-04	4.66E-04	4.65E-04	3.10E-04	1.36E-04
1170	561444.5	4192528	6.06E-04	7.62E-04	5.98E-04	6.00E-04	5.98E-04	4.44E-04	2.69E-04	4.33E-04	5.94E-04	4.64E-04	4.65E-04	4.64E-04	3.09E-04	1.35E-04
1171	561446.6	4192518	6.05E-04	7.61E-04	5.97E-04	5.99E-04	5.97E-04	4.43E-04	2.68E-04	4.33E-04	5.93E-04	4.63E-04	4.64E-04	4.63E-04	3.09E-04	1.35E-04
1172	561448.7	4192509	6.04E-04	7.60E-04	5.96E-04	5.98E-04	5.96E-04	4.42E-04	2.68E-04	4.32E-04	5.92E-04	4.62E-04	4.64E-04	4.62E-04	3.08E-04	1.35E-04
1173	561450.9	4192499	6.03E-04	7.59E-04	5.95E-04	5.97E-04	5.95E-04	4.42E-04	2.68E-04	4.31E-04	5.91E-04	4.62E-04	4.63E-04	4.62E-04	3.08E-04	1.35E-04
1174	561453	4192489	6.02E-04	7.57E-04	5.94E-04	5.96E-04	5.94E-04	4.41E-04	2.67E-04	4.31E-04	5.90E-04	4.61E-04	4.62E-04	4.61E-04	3.07E-04	1.35E-04
1175	561455.1	4192480	6.01E-04	7.56E-04	5.93E-04	5.95E-04	5.93E-04	4.40E-04	2.67E-04	4.30E-04	5.89E-04	4.60E-04	4.61E-04	4.60E-04	3.07E-04	1.34E-04
1176	561457.3	4192470	5.99E-04	7.54E-04	5.92E-04	5.93E-04	5.92E-04	4.39E-04	2.66E-04	4.29E-04	5.87E-04	4.59E-04	4.60E-04	4.59E-04	3.06E-04	1.34E-04
1177	561425.3	4192644	6.06E-04	7.62E-04	5.98E-04	6.00E-04	5.98E-04	4.44E-04	2.69E-04	4.33E-04	5.94E-04	4.64E-04	4.65E-04	4.64E-04	3.09E-04	1.35E-04
1178	561408.6	4192667	6.41E-04	8.06E-04	6.33E-04	6.34E-04	6.33E-04	4.69E-04	2.84E-04	4.58E-04	6.28E-04	4.91E-04	4.92E-04	4.91E-04	3.27E-04	1.43E-04
1179	561403.1	4192674	6.52E-04	8.20E-04	6.44E-04	6.46E-04	6.44E-04	4.77E-04	2.89E-04	4.67E-04	6.39E-04	4.99E-04	5.01E-04	4.99E-04	3.33E-04	1.46E-04
1180	561397.6	4192682	6.63E-04	8.34E-04	6.55E-04	6.57E-04	6.55E-04	4.86E-04	2.94E-04	4.74E-04	6.50E-04	5.08E-04	5.09E-04	5.08E-04	3.38E-04	1.48E-04
1181	561392	4192690	6.74E-04	8.48E-04	6.65E-04	6.67E-04	6.65E-04	4.93E-04	2.99E-04	4.82E-04	6.60E-04	5.16E-04	5.17E-04	5.16E-04	3.44E-04	1.51E-04
1182	561386.5	4192698	6.84E-04	8.60E-04	6.75E-04	6.77E-04	6.75E-04	5.01E-04	3.03E-04	4.89E-04	6.70E-04	5.23E-04	5.25E-04	5.23E-04	3.49E-04	1.53E-04
1183	561381	4192705	6.93E-04	8.72E-04	6.84E-04	6.86E-04	6.84E-04	5.07E-04	3.08E-04	4.96E-04	6.79E-04	5.31E-04	5.32E-04	5.31E-04	3.54E-04	1.55E-04
1184	561375.4	4192713	7.02E-04	8.83E-04	6.93E-04	6.95E-04	6.93E-04	5.14E-04	3.11E-04	5.02E-04	6.88E-04	5.37E-04	5.39E-04	5.37E-04	3.58E-04	1.57E-04
1185	561369.9	4192721	7.10E-04	8.93E-04	7.01E-04	7.03E-04	7.01E-04	5.20E-04	3.15E-04	5.08E-04	6.96E-04	5.43E-04	5.45E-04	5.43E-04	3.62E-04	1.59E-04
1186	561364.3	4192729	7.17E-04	9.02E-04	7.08E-04	7.10E-04	7.08E-04	5.25E-04	3.18E-04	5.13E-04	7.03E-04	5.49E-04	5.51E-04	5.49E-04	3.66E-04	1.60E-04
1187	561358.8	4192736	7.25E-04	9.1												

1212	561460.6	4192501	5.72E-04	7.19E-04	5.65E-04	5.66E-04	5.65E-04	4.19E-04	2.54E-04	4.09E-04	5.61E-04	4.38E-04	4.39E-04	4.38E-04	2.92E-04	1.28E-04
1213	561462.8	4192492	5.71E-04	7.18E-04	5.64E-04	5.65E-04	5.64E-04	4.18E-04	2.53E-04	4.08E-04	5.60E-04	4.37E-04	4.38E-04	4.37E-04	2.91E-04	1.28E-04
1214	561464.9	4192482	5.70E-04	7.17E-04	5.62E-04	5.64E-04	5.62E-04	4.17E-04	2.53E-04	4.08E-04	5.58E-04	4.36E-04	4.37E-04	4.36E-04	2.91E-04	1.27E-04
1215	561467	4192472	5.69E-04	7.15E-04	5.61E-04	5.63E-04	5.61E-04	4.16E-04	2.52E-04	4.07E-04	5.57E-04	4.35E-04	4.36E-04	4.35E-04	2.90E-04	1.27E-04
1216	561417.6	4192670	6.12E-04	7.69E-04	6.04E-04	6.05E-04	6.04E-04	4.48E-04	2.71E-04	4.38E-04	6.00E-04	4.68E-04	4.70E-04	4.68E-04	3.12E-04	1.37E-04
1217	561411.9	4192678	6.23E-04	7.83E-04	6.14E-04	6.16E-04	6.14E-04	4.56E-04	2.76E-04	4.45E-04	6.10E-04	4.76E-04	4.78E-04	4.76E-04	3.18E-04	1.39E-04
1218	561406.2	4192686	6.33E-04	7.96E-04	6.25E-04	6.27E-04	6.25E-04	4.63E-04	2.81E-04	4.53E-04	6.21E-04	4.85E-04	4.86E-04	4.85E-04	3.23E-04	1.41E-04
1219	561400.5	4192694	6.43E-04	8.09E-04	6.35E-04	6.37E-04	6.35E-04	4.71E-04	2.85E-04	4.60E-04	6.30E-04	4.92E-04	4.94E-04	4.92E-04	3.28E-04	1.44E-04
1220	561394.7	4192702	6.53E-04	8.21E-04	6.45E-04	6.46E-04	6.45E-04	4.78E-04	2.90E-04	4.67E-04	6.40E-04	5.00E-04	5.01E-04	5.00E-04	3.33E-04	1.46E-04
1221	561389	4192710	6.62E-04	8.33E-04	6.54E-04	6.55E-04	6.54E-04	4.85E-04	2.94E-04	4.74E-04	6.49E-04	5.07E-04	5.08E-04	5.07E-04	3.38E-04	1.48E-04
1222	561383.3	4192718	6.71E-04	8.44E-04	6.62E-04	6.64E-04	6.62E-04	4.91E-04	2.98E-04	4.80E-04	6.57E-04	5.13E-04	5.15E-04	5.13E-04	3.42E-04	1.50E-04
1223	561377.5	4192726	6.79E-04	8.54E-04	6.70E-04	6.72E-04	6.70E-04	4.97E-04	3.01E-04	4.85E-04	6.65E-04	5.19E-04	5.21E-04	5.19E-04	3.46E-04	1.52E-04
1224	561371.8	4192734	6.86E-04	8.63E-04	6.77E-04	6.79E-04	6.77E-04	5.02E-04	3.04E-04	4.91E-04	6.72E-04	5.25E-04	5.26E-04	5.25E-04	3.50E-04	1.53E-04
1225	561366.1	4192742	6.93E-04	8.71E-04	6.84E-04	6.86E-04	6.84E-04	5.07E-04	3.07E-04	4.95E-04	6.79E-04	5.30E-04	5.32E-04	5.30E-04	3.53E-04	1.55E-04
1226	561360.4	4192750	6.99E-04	8.79E-04	6.90E-04	6.92E-04	6.90E-04	5.12E-04	3.10E-04	5.00E-04	6.85E-04	5.35E-04	5.37E-04	5.35E-04	3.57E-04	1.56E-04
1227	561354.6	4192758	7.05E-04	8.87E-04	6.96E-04	6.98E-04	6.96E-04	5.16E-04	3.13E-04	5.04E-04	6.91E-04	5.40E-04	5.41E-04	5.40E-04	3.60E-04	1.58E-04
1228	561348.9	4192766	7.11E-04	8.94E-04	7.02E-04	7.04E-04	7.02E-04	5.20E-04	3.16E-04	5.09E-04	6.97E-04	5.44E-04	5.46E-04	5.44E-04	3.63E-04	1.59E-04
1229	561343.2	4192774	7.17E-04	9.01E-04	7.07E-04	7.09E-04	7.07E-04	5.25E-04	3.18E-04	5.12E-04	7.02E-04	5.48E-04	5.50E-04	5.48E-04	3.66E-04	1.60E-04
1230	561337.4	4192782	7.22E-04	9.08E-04	7.12E-04	7.14E-04	7.12E-04	5.28E-04	3.20E-04	5.16E-04	7.07E-04	5.52E-04	5.54E-04	5.52E-04	3.68E-04	1.61E-04
1231	561331.7	4192790	7.26E-04	9.14E-04	7.17E-04	7.19E-04	7.17E-04	5.32E-04	3.22E-04	5.19E-04	7.12E-04	5.56E-04	5.57E-04	5.56E-04	3.71E-04	1.62E-04
1232	561326	4192798	7.31E-04	9.19E-04	7.22E-04	7.24E-04	7.22E-04	5.35E-04	3.24E-04	5.23E-04	7.16E-04	5.60E-04	5.61E-04	5.60E-04	3.73E-04	1.63E-04
1233	561320.3	4192806	7.36E-04	9.25E-04	7.26E-04	7.28E-04	7.26E-04	5.39E-04	3.26E-04	5.26E-04	7.21E-04	5.63E-04	5.65E-04	5.63E-04	3.75E-04	1.64E-04
1234	561314.5	4192814	7.40E-04	9.31E-04	7.31E-04	7.33E-04	7.31E-04	5.42E-04	3.29E-04	5.30E-04	7.26E-04	5.67E-04	5.68E-04	5.67E-04	3.78E-04	1.65E-04
1235	561308.8	4192822	7.45E-04	9.36E-04	7.35E-04	7.37E-04	7.35E-04	5.45E-04	3.30E-04	5.32E-04	7.30E-04	5.70E-04	5.71E-04	5.70E-04	3.80E-04	1.66E-04
1236	561459.7	4192551	5.49E-04	6.91E-04	5.42E-04	5.44E-04	5.42E-04	4.02E-04	2.44E-04	3.93E-04	5.38E-04	4.21E-04	4.22E-04	4.21E-04	2.80E-04	1.23E-04
1237	561461.9	4192542	5.48E-04	6.89E-04	5.41E-04	5.42E-04	5.41E-04	4.01E-04	2.43E-04	3.92E-04	5.37E-04	4.19E-04	4.21E-04	4.19E-04	2.80E-04	1.22E-04
1238	561464	4192532	5.47E-04	6.87E-04	5.40E-04	5.41E-04	5.40E-04	4.00E-04	2.43E-04	3.91E-04	5.36E-04	4.18E-04	4.20E-04	4.18E-04	2.79E-04	1.22E-04
1239	561466.1	4192523	5.45E-04	6.86E-04	5.38E-04	5.40E-04	5.38E-04	3.99E-04	2.42E-04	3.90E-04	5.34E-04	4.17E-04	4.19E-04	4.17E-04	2.78E-04	1.22E-04
1240	561468.3	4192513	5.44E-04	6.85E-04	5.37E-04	5.39E-04	5.37E-04	3.98E-04	2.42E-04	3.89E-04	5.33E-04	4.17E-04	4.18E-04	4.17E-04	2.78E-04	1.22E-04
1241	561470.4	4192503	5.43E-04	6.83E-04	5.36E-04	5.38E-04	5.36E-04	3.98E-04	2.41E-04	3.89E-04	5.32E-04	4.16E-04	4.17E-04	4.16E-04	2.77E-04	1.21E-04
1242	561472.5	4192494	5.42E-04	6.82E-04	5.35E-04	5.37E-04	5.35E-04	3.97E-04	2.41E-04	3.88E-04	5.31E-04	4.15E-04	4.16E-04	4.15E-04	2.77E-04	1.21E-04
1243	561474.7	4192484	5.41E-04	6.80E-04	5.34E-04	5.35E-04	5.34E-04	3.96E-04	2.40E-04	3.87E-04	5.30E-04	4.14E-04	4.15E-04	4.14E-04	2.76E-04	1.21E-04
1244	561476.8	4192475	5.40E-04	6.79E-04	5.33E-04	5.34E-04	5.33E-04	3.95E-04	2.39E-04	3.86E-04	5.29E-04	4.13E-04	4.14E-04	4.13E-04	2.75E-04	1.21E-04
1245	561421.9	4192680	5.93E-04	7.46E-04	5.86E-04	5.87E-04	5.86E-04	4.34E-04	2.63E-04	4.24E-04	5.81E-04	4.54E-04	4.55E-04	4.54E-04	3.03E-04	1.33E-04
1246	561416.2	4192688	6.03E-04	7.58E-04	5.95E-04	5.97E-04	5.95E-04	4.41E-04	2.68E-04	4.31E-04	5.91E-04	4.61E-04	4.63E-04	4.61E-04	3.08E-04	1.35E-04
1247	561410.5	4192696	6.12E-04	7.70E-04	6.04E-04	6.06E-04	6.04E-04	4.48E-04	2.72E-04	4.38E-04	6.00E-04	4.69E-04	4.70E-04	4.69E-04	3.12E-04	1.37E-04
1248	561404.9	4192704	6.22E-04	7.82E-04	6.13E-04	6.15E-04	6.13E-04	4.55E-04	2.76E-04	4.44E-04	6.09E-04	4.76E-04	4.77E-04	4.76E-04	3.17E-04	1.39E-04
1249	561399.2	4192712	6.30E-04	7.93E-04	6.22E-04	6.24E-04	6.22E-04	4.61E-04	2.80E-04	4.51E-04	6.18E-04	4.82E-04	4.84E-04	4.82E-04	3.22E-04	1.41E-04
1250	561393.5	4192719	6.38E-04	8.03E-04	6.30E-04	6.32E-04	6.30E-04	4.67E-04	2.83E-04	4.57E-04	6.26E-04	4.89E-04	4.90E-04	4.89E-04	3.26E-04	1.43E-04
1251	561387.8	4192727	6.46E-04	8.13E-04	6.38E-04	6.39E-04	6.38E-04	4.73E-04	2.87E-04	4.62E-04	6.33E-04	4.94E-04	4.96E-04	4.94E-04	3.30E-04	1.44E-04
1252	561382.1	4192735	6.53E-04	8.22E-04	6.45E-04	6.47E-04	6.45E-04	4.78E-04	2.90E-04	4.67E-04	6.40E-04	5.00E-04	5.01E-04	5.00E-04	3.33E-04	1.46E-04
1253	561376.4	4192743	6.60E-04	8.30E-04	6.51E-04	6.53E-04	6.51E-04	4.83E-04	2.93E-04	4.72E-04	6.47E-04	5.05E-04	5.06E-04	5.05E-04	3.37E-04	1.47E-04
1254	561370.8	4192751	6.66E-04	8.37E-04	6.57E-04	6.59E-04	6.57E-04	4.87E-04	2.95E-04	4.76E-04	6.52E-04	5.10E-04	5.11E-04	5.10E-04	3.40E-04	1.49E-04
1255	561365.1	4192759	6.72E-04	8.45E-04	6.63E-04	6.65E-04	6.63E-04	4.92E-04	2.98E-04	4.80E-04	6.58E-04	5.14E-04	5.15E-04	5.14E-04	3.43E-04	1.50E-04
1256	561359.4	4192767	6.77E-04	8.51E-04	6.68E-04	6.70E-04	6.68E-04	4.96E-04	3.00E-04	4.84E-04	6.63E-04	5.18E-04	5.20E-04	5.18E-04	3.45E-04	1.51E-04
1257	561353.7	4192775	6.82E-04	8.58E-04	6.73E-04	6.75E-04	6.73E-04	4.99E-04	3.03E-04	4.88E-04	6.69E-04	5.22E-04	5.24E-04	5.22E-04	3.48E-04	1.52E-04
1258	561348	4192783	6.87E-04	8.64E-04	6.78E-04	6.80E-04	6.78E-04	5.03E-04	3.05E-04	4.92E-04	6.74E-04	5.26E-04	5.27E-04	5.26E-04	3.51E-04	1.54E-04
1259	561342.4	4192791	6.92E-04	8.70E-04	6.83E-04	6.85E-04	6.83E-04	5.07E-04	3.07E-04	4.95E-04	6.78E-04	5.30E-04	5.31E-04	5.30E-04	3.53E-04	1.55E-04
1260	561336.7	4192799	6.97E-04	8.76E-04	6.88E-04	6.90E-04	6.88E-04	5.10E-04	3.09E-04	4.98E-04	6.83E-04	5.33E-04	5.35E-04	5.33E-04	3.56E-04	1.56E-04
1261	561331	4192807	7.01E-04	8.82E-04	6.92E-04	6.94E-04	6.92E-04	5.13E-04	3.11E-04	5.01E-04	6.87E-04	5.37E-04	5.38E-04	5.37E-04	3.58E-04	1.57E-04
1262	561325.3	4192815	7.05E-04	8.87E-04	6.96E-04	6.98E-04	6.96E-04	5.16E-04	3.13E-04	5.04E-04	6.91E-04	5.40E-04	5.41E-04	5.40E-04	3.60E-04	1.58E-04
1263	561319.6	4192822	7.10E-04	8.92E-04	7.00E-04	7.02E-04	7.00E-04	5.19E-04	3.15E-04	5.07E-04	6.95E-04	5.43E-04	5.45E-04	5.43E-04	3.62E-04	1.59E-04
1264	561313.9	4192830	7.14E-04	8.97E-04	7.04E-04	7.06E-04	7.04E-04	5.22E-04	3.17E-04	5.10E-04	6.99E-04	5.46E-04	5.48E-04	5.46E-04	3.64E-04	1.59E-04
1265	561233.8	4192334	4.59E-03	5.77E-03	4.53E-03	4.54E-03	4.53E-03	3.36E-03	2.04E-03	3.28E-03	4.50E-03	3.51E-03	3.52E-03	3.51E-03	2.34E-03	1.03E-03
1266	561236.2	4192325	4.37E-03	5.49E-03	4.31E-03	4.32E-03	4.31E-03	3.20E-03	1.94E-03	3.12E-03	4.28E-03	3.34E-03	3.35E-03	3.34E-03	2.23E-03	9.75E-04
1267	561238.7	4192316	4.12E-03	5.19E-03	4.07E-03	4.08E-03	4.07E-03	3.02E-03	1.83E-03	2.95E-03	4.04E-03	3.16E-03	3.16E-03	3.16E-03	2.10E-03	9.21E-04
1268	561241.1	4192307	3.87E-03													

1293	561267.7	4192284	2.37E-03	2.98E-03	2.34E-03	2.35E-03	2.34E-03	1.74E-03	1.05E-03	1.70E-03	2.32E-03	1.81E-03	1.82E-03	1.81E-03	1.21E-03	5.30E-04
1294	561253.1	4192378	3.23E-03	4.07E-03	3.19E-03	3.20E-03	3.19E-03	2.37E-03	1.43E-03	2.31E-03	3.17E-03	2.47E-03	2.48E-03	2.47E-03	1.65E-03	7.22E-04
1295	561255.6	4192369	3.12E-03	3.93E-03	3.08E-03	3.09E-03	3.08E-03	2.29E-03	1.39E-03	2.23E-03	3.06E-03	2.39E-03	2.40E-03	2.39E-03	1.59E-03	6.97E-04
1296	561258	4192360	3.01E-03	3.79E-03	2.97E-03	2.98E-03	2.97E-03	2.20E-03	1.34E-03	2.15E-03	2.95E-03	2.30E-03	2.31E-03	2.30E-03	1.54E-03	6.73E-04
1297	561260.4	4192351	2.90E-03	3.65E-03	2.86E-03	2.87E-03	2.86E-03	2.12E-03	1.29E-03	2.07E-03	2.84E-03	2.22E-03	2.23E-03	2.22E-03	1.48E-03	6.48E-04
1298	561262.8	4192342	2.79E-03	3.51E-03	2.75E-03	2.76E-03	2.75E-03	2.04E-03	1.24E-03	1.99E-03	2.73E-03	2.13E-03	2.14E-03	2.13E-03	1.42E-03	6.23E-04
1299	561265.2	4192332	2.68E-03	3.36E-03	2.64E-03	2.65E-03	2.64E-03	1.96E-03	1.19E-03	1.91E-03	2.62E-03	2.05E-03	2.05E-03	2.05E-03	1.37E-03	5.98E-04
1300	561267.7	4192323	2.56E-03	3.22E-03	2.53E-03	2.53E-03	2.53E-03	1.87E-03	1.14E-03	1.83E-03	2.51E-03	1.96E-03	1.97E-03	1.96E-03	1.31E-03	5.72E-04
1301	561270.1	4192314	2.45E-03	3.08E-03	2.41E-03	2.42E-03	2.41E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.87E-03	1.88E-03	1.87E-03	1.25E-03	5.46E-04
1302	561272.5	4192305	2.33E-03	2.93E-03	2.30E-03	2.31E-03	2.30E-03	1.71E-03	1.03E-03	1.67E-03	2.28E-03	1.78E-03	1.79E-03	1.78E-03	1.19E-03	5.21E-04
1303	561274.9	4192296	2.22E-03	2.79E-03	2.19E-03	2.20E-03	2.19E-03	1.63E-03	9.85E-04	1.59E-03	2.18E-03	1.70E-03	1.70E-03	1.70E-03	1.13E-03	4.96E-04
1304	561277.3	4192287	2.11E-03	2.66E-03	2.09E-03	2.09E-03	2.09E-03	1.55E-03	9.38E-04	1.51E-03	2.07E-03	1.62E-03	1.62E-03	1.62E-03	1.08E-03	4.72E-04
1305	561262.8	4192381	2.83E-03	3.56E-03	2.79E-03	2.80E-03	2.79E-03	2.07E-03	1.26E-03	2.03E-03	2.77E-03	2.17E-03	2.17E-03	2.17E-03	1.44E-03	6.33E-04
1306	561265.2	4192371	2.74E-03	3.44E-03	2.70E-03	2.71E-03	2.70E-03	2.00E-03	1.21E-03	1.96E-03	2.68E-03	2.09E-03	2.10E-03	2.09E-03	1.40E-03	6.11E-04
1307	561267.6	4192362	2.64E-03	3.32E-03	2.61E-03	2.61E-03	2.61E-03	1.93E-03	1.17E-03	1.89E-03	2.59E-03	2.02E-03	2.03E-03	2.02E-03	1.35E-03	5.90E-04
1308	561270.1	4192353	2.55E-03	3.20E-03	2.51E-03	2.52E-03	2.51E-03	1.86E-03	1.13E-03	1.82E-03	2.50E-03	1.95E-03	1.96E-03	1.95E-03	1.30E-03	5.69E-04
1309	561272.5	4192344	2.45E-03	3.09E-03	2.42E-03	2.43E-03	2.42E-03	1.80E-03	1.09E-03	1.76E-03	2.40E-03	1.88E-03	1.88E-03	1.88E-03	1.25E-03	5.48E-04
1310	561274.9	4192335	2.26E-03	2.97E-03	2.33E-03	2.34E-03	2.33E-03	1.73E-03	1.05E-03	1.69E-03	2.31E-03	1.81E-03	1.81E-03	1.81E-03	1.20E-03	5.27E-04
1311	561277.3	4192326	2.27E-03	2.85E-03	2.24E-03	2.24E-03	2.24E-03	1.66E-03	1.01E-03	1.62E-03	2.22E-03	1.73E-03	1.74E-03	1.73E-03	1.16E-03	5.06E-04
1312	561279.7	4192317	2.17E-03	2.73E-03	2.14E-03	2.15E-03	2.14E-03	1.59E-03	9.64E-04	1.55E-03	2.13E-03	1.66E-03	1.67E-03	1.66E-03	1.11E-03	4.85E-04
1313	561282.2	4192308	2.08E-03	2.62E-03	2.05E-03	2.06E-03	2.05E-03	1.52E-03	9.23E-04	1.49E-03	2.04E-03	1.59E-03	1.60E-03	1.59E-03	1.06E-03	4.65E-04
1314	561284.6	4192299	1.99E-03	2.50E-03	1.96E-03	1.97E-03	1.96E-03	1.46E-03	8.83E-04	1.42E-03	1.95E-03	1.52E-03	1.53E-03	1.52E-03	1.02E-03	4.44E-04
1315	561287	4192290	1.90E-03	2.39E-03	1.88E-03	1.88E-03	1.88E-03	1.39E-03	8.44E-04	1.36E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	9.71E-04	4.25E-04
1316	561272.5	4192383	2.51E-03	3.16E-03	2.48E-03	2.49E-03	2.48E-03	1.84E-03	1.11E-03	1.80E-03	2.46E-03	1.92E-03	1.93E-03	1.92E-03	1.28E-03	5.61E-04
1317	561274.9	4192374	2.43E-03	3.06E-03	2.40E-03	2.41E-03	2.40E-03	1.78E-03	1.08E-03	1.74E-03	2.38E-03	1.86E-03	1.87E-03	1.86E-03	1.24E-03	5.43E-04
1318	561277.3	4192365	2.35E-03	2.95E-03	2.32E-03	2.32E-03	2.32E-03	1.72E-03	1.04E-03	1.68E-03	2.30E-03	1.80E-03	1.80E-03	1.80E-03	1.20E-03	5.25E-04
1319	561279.7	4192356	2.27E-03	2.85E-03	2.24E-03	2.24E-03	2.24E-03	1.66E-03	1.01E-03	1.62E-03	2.22E-03	1.74E-03	1.74E-03	1.74E-03	1.16E-03	5.07E-04
1320	561282.1	4192347	2.19E-03	2.75E-03	2.16E-03	2.17E-03	2.16E-03	1.60E-03	9.71E-04	1.56E-03	2.14E-03	1.67E-03	1.68E-03	1.67E-03	1.12E-03	4.89E-04
1321	561284.6	4192338	2.11E-03	2.65E-03	2.08E-03	2.09E-03	2.08E-03	1.54E-03	9.35E-04	1.51E-03	2.07E-03	1.61E-03	1.62E-03	1.61E-03	1.08E-03	4.71E-04
1322	561287	4192329	2.03E-03	2.55E-03	2.00E-03	2.01E-03	2.00E-03	1.49E-03	9.00E-04	1.45E-03	1.99E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.53E-04
1323	561289.4	4192319	1.95E-03	2.45E-03	1.93E-03	1.93E-03	1.93E-03	1.43E-03	8.66E-04	1.40E-03	1.91E-03	1.49E-03	1.50E-03	1.49E-03	9.95E-04	4.36E-04
1324	561291.8	4192310	1.87E-03	2.36E-03	1.85E-03	1.85E-03	1.85E-03	1.37E-03	8.32E-04	1.34E-03	1.84E-03	1.43E-03	1.44E-03	1.43E-03	9.56E-04	4.19E-04
1325	561294.2	4192301	1.80E-03	2.26E-03	1.78E-03	1.78E-03	1.78E-03	1.32E-03	7.99E-04	1.29E-03	1.76E-03	1.38E-03	1.38E-03	1.38E-03	9.18E-04	4.02E-04
1326	561296.7	4192292	1.73E-03	2.17E-03	1.71E-03	1.71E-03	1.71E-03	1.27E-03	7.67E-04	1.24E-03	1.69E-03	1.32E-03	1.33E-03	1.32E-03	8.82E-04	3.86E-04
1327	561282.1	4192386	2.25E-03	2.83E-03	2.22E-03	2.23E-03	2.22E-03	1.65E-03	9.98E-04	1.61E-03	2.20E-03	1.72E-03	1.73E-03	1.72E-03	1.15E-03	5.02E-04
1328	561284.5	4192377	2.18E-03	2.74E-03	2.15E-03	2.16E-03	2.15E-03	1.60E-03	9.67E-04	1.56E-03	2.14E-03	1.67E-03	1.67E-03	1.67E-03	1.11E-03	4.87E-04
1329	561287	4192367	2.11E-03	2.65E-03	2.08E-03	2.09E-03	2.08E-03	1.54E-03	9.36E-04	1.51E-03	2.07E-03	1.61E-03	1.62E-03	1.61E-03	1.08E-03	4.71E-04
1330	561289.4	4192358	2.04E-03	2.57E-03	2.01E-03	2.02E-03	2.01E-03	1.49E-03	9.05E-04	1.46E-03	2.00E-03	1.56E-03	1.57E-03	1.56E-03	1.04E-03	4.56E-04
1331	561291.8	4192349	1.97E-03	2.48E-03	1.94E-03	1.95E-03	1.94E-03	1.44E-03	8.74E-04	1.41E-03	1.93E-03	1.51E-03	1.51E-03	1.51E-03	1.01E-03	4.40E-04
1332	561294.2	4192340	1.90E-03	2.39E-03	1.88E-03	1.88E-03	1.88E-03	1.39E-03	8.44E-04	1.36E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	9.71E-04	4.25E-04
1333	561296.6	4192331	1.83E-03	2.31E-03	1.81E-03	1.82E-03	1.81E-03	1.34E-03	8.14E-04	1.31E-03	1.80E-03	1.40E-03	1.41E-03	1.40E-03	9.36E-04	4.10E-04
1334	561299.1	4192322	1.77E-03	2.22E-03	1.75E-03	1.75E-03	1.75E-03	1.29E-03	7.85E-04	1.26E-03	1.73E-03	1.35E-03	1.36E-03	1.35E-03	9.02E-04	3.95E-04
1335	561301.5	4192313	1.70E-03	2.14E-03	1.68E-03	1.69E-03	1.68E-03	1.25E-03	7.56E-04	1.22E-03	1.67E-03	1.30E-03	1.31E-03	1.30E-03	8.69E-04	3.81E-04
1336	561303.9	4192304	1.64E-03	2.06E-03	1.62E-03	1.62E-03	1.62E-03	1.20E-03	7.28E-04	1.17E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	8.38E-04	3.67E-04
1337	561306.3	4192295	1.58E-03	1.99E-03	1.56E-03	1.57E-03	1.56E-03	1.16E-03	7.02E-04	1.13E-03	1.55E-03	1.21E-03	1.21E-03	1.21E-03	8.07E-04	3.53E-04
1338	561291.8	4192388	2.03E-03	2.55E-03	2.00E-03	2.01E-03	2.00E-03	1.49E-03	9.01E-04	1.45E-03	1.99E-03	1.55E-03	1.56E-03	1.55E-03	1.04E-03	4.54E-04
1339	561294.2	4192379	1.97E-03	2.48E-03	1.95E-03	1.95E-03	1.95E-03	1.44E-03	8.75E-04	1.41E-03	1.93E-03	1.51E-03	1.51E-03	1.51E-03	1.01E-03	4.40E-04
1340	561296.6	4192370	1.91E-03	2.40E-03	1.89E-03	1.89E-03	1.89E-03	1.40E-03	8.48E-04	1.37E-03	1.87E-03	1.46E-03	1.47E-03	1.46E-03	9.75E-04	4.27E-04
1341	561299	4192361	1.85E-03	2.33E-03	1.83E-03	1.83E-03	1.83E-03	1.35E-03	8.21E-04	1.32E-03	1.81E-03	1.42E-03	1.42E-03	1.42E-03	9.44E-04	4.13E-04
1342	561301.5	4192352	1.79E-03	2.25E-03	1.77E-03	1.77E-03	1.77E-03	1.31E-03	7.94E-04	1.28E-03	1.75E-03	1.37E-03	1.37E-03	1.37E-03	9.13E-04	4.00E-04
1343	561303.9	4192343	1.73E-03	2.18E-03	1.71E-03	1.71E-03	1.71E-03	1.27E-03	7.68E-04	1.24E-03	1.70E-03	1.32E-03	1.33E-03	1.32E-03	8.83E-04	3.87E-04
1344	561306.3	4192334	1.67E-03	2.10E-03	1.65E-03	1.65E-03	1.65E-03	1.22E-03	7.42E-04	1.20E-03	1.64E-03	1.28E-03	1.28E-03	1.28E-03	8.53E-04	3.74E-04
1345	561308.7	4192325	1.62E-03	2.03E-03	1.59E-03	1.60E-03	1.59E-03	1.18E-03	7.17E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.24E-04	3.61E-04
1346	561311.2	4192315	1.56E-03	1.96E-03	1.54E-03	1.54E-03	1.54E-03	1.14E-03	6.92E-04	1.12E-03	1.53E-03	1.19E-03	1.20E-03	1.19E-03	7.96E-04	3.49E-04
1347	561313.6	4192306	1.51E-03	1.90E-03	1.49E-03	1.49E-03	1.49E-03	1.10E-03	6.69E-04	1.08E-03	1.48E-03	1.15E-03	1.16E-03	1.15E-03	7.69E-04	3.37E-04
1348	561316	4192297	1.46E-03	1.83E-03	1.44E-03	1.44E-03	1.44E-03	1.07E-03	6.46E-04	1.04E-03	1.43E-03	1.11E-03	1.12E-03	1.11E-03	7.43E-04	3.25E-04
1349	561320.8	4192396	1.55E-03													

1374	561352.2	4192395	1.20E-03	1.51E-03	1.19E-03	1.19E-03	1.19E-03	8.80E-04	5.33E-04	8.60E-04	1.18E-03	9.20E-04	9.22E-04	9.20E-04	6.13E-04	2.69E-04
1375	561364.3	4192349	1.07E-03	1.34E-03	1.05E-03	1.06E-03	1.05E-03	7.81E-04	4.74E-04	7.63E-04	1.05E-03	8.17E-04	8.19E-04	8.17E-04	5.45E-04	2.38E-04
1376	561366.7	4192340	1.04E-03	1.31E-03	1.03E-03	1.03E-03	1.03E-03	7.62E-04	4.62E-04	7.45E-04	1.02E-03	7.97E-04	7.99E-04	7.97E-04	5.31E-04	2.33E-04
1377	561369.1	4192331	1.02E-03	1.28E-03	1.00E-03	1.01E-03	1.00E-03	7.44E-04	4.51E-04	7.27E-04	9.96E-04	7.78E-04	7.80E-04	7.78E-04	5.19E-04	2.27E-04
1378	561371.6	4192322	9.93E-04	1.25E-03	9.80E-04	9.83E-04	9.80E-04	7.27E-04	4.41E-04	7.10E-04	9.73E-04	7.60E-04	7.62E-04	7.60E-04	5.07E-04	2.22E-04
1379	561374	4192313	9.71E-04	1.22E-03	9.58E-04	9.60E-04	9.58E-04	7.10E-04	4.31E-04	6.94E-04	9.51E-04	7.43E-04	7.45E-04	7.43E-04	4.95E-04	2.17E-04
1380	561217	4192241	4.26E-03	5.35E-03	4.20E-03	4.21E-03	4.20E-03	3.12E-03	1.89E-03	3.04E-03	4.17E-03	3.26E-03	3.27E-03	3.26E-03	2.17E-03	9.51E-04
1381	561207.5	4192238	4.86E-03	6.11E-03	4.80E-03	4.81E-03	4.80E-03	3.56E-03	2.16E-03	3.48E-03	4.76E-03	3.72E-03	3.73E-03	3.72E-03	2.48E-03	1.09E-03
1382	561197.9	4192236	5.41E-03	6.80E-03	5.33E-03	5.35E-03	5.33E-03	3.96E-03	2.40E-03	3.87E-03	5.30E-03	4.14E-03	4.15E-03	4.14E-03	2.76E-03	1.21E-03
1383	561188.4	4192234	5.86E-03	7.37E-03	5.79E-03	5.80E-03	5.79E-03	4.29E-03	2.60E-03	4.19E-03	5.75E-03	4.49E-03	4.50E-03	4.49E-03	2.99E-03	1.31E-03
1384	561178.9	4192231	6.23E-03	7.84E-03	6.15E-03	6.17E-03	6.15E-03	4.56E-03	2.77E-03	4.46E-03	6.11E-03	4.77E-03	4.78E-03	4.77E-03	3.18E-03	1.39E-03
1385	561169.4	4192229	6.51E-03	8.18E-03	6.42E-03	6.44E-03	6.42E-03	4.76E-03	2.89E-03	4.65E-03	6.38E-03	4.98E-03	4.99E-03	4.98E-03	3.32E-03	1.45E-03
1386	561159.8	4192227	6.69E-03	8.41E-03	6.60E-03	6.62E-03	6.60E-03	4.89E-03	2.97E-03	4.78E-03	6.55E-03	5.12E-03	5.13E-03	5.12E-03	3.41E-03	1.49E-03
1387	561150.3	4192224	6.75E-03	8.49E-03	6.66E-03	6.68E-03	6.66E-03	4.94E-03	3.00E-03	4.83E-03	6.62E-03	5.17E-03	5.18E-03	5.17E-03	3.45E-03	1.51E-03
1388	561121.7	4192217	6.98E-03	8.77E-03	6.88E-03	6.90E-03	6.88E-03	5.11E-03	3.10E-03	4.99E-03	6.84E-03	5.34E-03	5.35E-03	5.34E-03	3.56E-03	1.56E-03
1389	561112.2	4192215	7.17E-03	9.02E-03	7.08E-03	7.10E-03	7.08E-03	5.25E-03	3.18E-03	5.13E-03	7.03E-03	5.49E-03	5.50E-03	5.49E-03	3.66E-03	1.60E-03
1390	561102.6	4192213	7.33E-03	9.22E-03	7.24E-03	7.26E-03	7.24E-03	5.37E-03	3.25E-03	5.24E-03	7.19E-03	5.61E-03	5.63E-03	5.61E-03	3.74E-03	1.64E-03
1391	561093.1	4192210	7.42E-03	9.33E-03	7.33E-03	7.35E-03	7.33E-03	5.43E-03	3.29E-03	5.31E-03	7.27E-03	5.68E-03	5.70E-03	5.68E-03	3.79E-03	1.66E-03
1392	561083.6	4192208	7.42E-03	9.33E-03	7.32E-03	7.34E-03	7.32E-03	5.43E-03	3.29E-03	5.31E-03	7.27E-03	5.68E-03	5.69E-03	5.68E-03	3.79E-03	1.66E-03
1393	561074	4192206	7.31E-03	9.19E-03	7.21E-03	7.23E-03	7.21E-03	5.35E-03	3.24E-03	5.23E-03	7.16E-03	5.59E-03	5.61E-03	5.59E-03	3.73E-03	1.63E-03
1394	561064.5	4192203	7.07E-03	8.89E-03	6.98E-03	7.00E-03	6.98E-03	5.17E-03	3.14E-03	5.06E-03	6.93E-03	5.41E-03	5.43E-03	5.41E-03	3.61E-03	1.58E-03
1395	561055	4192201	6.67E-03	8.38E-03	6.58E-03	6.60E-03	6.58E-03	4.88E-03	2.96E-03	4.77E-03	6.53E-03	5.10E-03	5.12E-03	5.10E-03	3.40E-03	1.49E-03
1396	561219.4	4192231	3.61E-03	4.54E-03	3.56E-03	3.57E-03	3.56E-03	2.64E-03	1.60E-03	2.58E-03	3.54E-03	2.76E-03	2.77E-03	2.76E-03	1.84E-03	8.06E-04
1397	561209.9	4192229	4.05E-03	5.09E-03	4.00E-03	4.01E-03	4.00E-03	2.96E-03	1.80E-03	2.90E-03	3.97E-03	3.10E-03	3.11E-03	3.10E-03	2.07E-03	9.05E-04
1398	561200.3	4192226	4.47E-03	5.62E-03	4.41E-03	4.42E-03	4.41E-03	3.27E-03	1.98E-03	3.19E-03	4.38E-03	3.42E-03	3.43E-03	3.42E-03	2.28E-03	9.98E-04
1399	561190.8	4192224	4.84E-03	6.08E-03	4.77E-03	4.79E-03	4.77E-03	3.54E-03	2.15E-03	3.46E-03	4.74E-03	3.70E-03	3.71E-03	3.70E-03	2.47E-03	1.08E-03
1400	561181.3	4192222	5.15E-03	6.47E-03	5.08E-03	5.10E-03	5.08E-03	3.77E-03	2.28E-03	3.68E-03	5.05E-03	3.94E-03	3.95E-03	3.94E-03	2.63E-03	1.15E-03
1401	561171.7	4192219	5.39E-03	6.78E-03	5.32E-03	5.34E-03	5.32E-03	3.95E-03	2.39E-03	3.86E-03	5.29E-03	4.13E-03	4.14E-03	4.13E-03	2.75E-03	1.20E-03
1402	561162.2	4192217	5.56E-03	7.00E-03	5.49E-03	5.51E-03	5.49E-03	4.07E-03	2.47E-03	3.98E-03	5.45E-03	4.26E-03	4.27E-03	4.26E-03	2.84E-03	1.24E-03
1403	561152.7	4192215	5.67E-03	7.13E-03	5.59E-03	5.61E-03	5.59E-03	4.15E-03	2.51E-03	4.05E-03	5.55E-03	4.34E-03	4.35E-03	4.34E-03	2.89E-03	1.27E-03
1404	561124.1	4192208	5.93E-03	7.45E-03	5.85E-03	5.87E-03	5.85E-03	4.34E-03	2.63E-03	4.24E-03	5.81E-03	4.54E-03	4.55E-03	4.54E-03	3.02E-03	1.32E-03
1405	561114.5	4192205	6.05E-03	7.61E-03	5.97E-03	5.99E-03	5.97E-03	4.43E-03	2.69E-03	4.33E-03	5.93E-03	4.63E-03	4.65E-03	4.63E-03	3.09E-03	1.35E-03
1406	561105	4192203	6.16E-03	7.75E-03	6.08E-03	6.10E-03	6.08E-03	4.51E-03	2.73E-03	4.41E-03	6.04E-03	4.72E-03	4.73E-03	4.72E-03	3.14E-03	1.38E-03
1407	561095.5	4192201	6.23E-03	7.83E-03	6.14E-03	6.16E-03	6.14E-03	4.56E-03	2.76E-03	4.45E-03	6.10E-03	4.76E-03	4.78E-03	4.76E-03	3.18E-03	1.39E-03
1408	561086	4192198	6.23E-03	7.83E-03	6.15E-03	6.16E-03	6.15E-03	4.56E-03	2.76E-03	4.45E-03	6.10E-03	4.77E-03	4.78E-03	4.77E-03	3.18E-03	1.39E-03
1409	561076.4	4192196	6.15E-03	7.73E-03	6.07E-03	6.09E-03	6.07E-03	4.50E-03	2.73E-03	4.40E-03	6.03E-03	4.71E-03	4.72E-03	4.71E-03	3.14E-03	1.37E-03
1410	561066.9	4192194	5.98E-03	7.52E-03	5.90E-03	5.92E-03	5.90E-03	4.38E-03	2.65E-03	4.28E-03	5.86E-03	4.58E-03	4.59E-03	4.58E-03	3.05E-03	1.34E-03
1411	561057.4	4192191	5.71E-03	7.18E-03	5.63E-03	5.65E-03	5.63E-03	4.18E-03	2.53E-03	4.08E-03	5.59E-03	4.37E-03	4.38E-03	4.37E-03	2.91E-03	1.28E-03
1412	561257.2	4192250	2.37E-03	2.99E-03	2.34E-03	2.35E-03	2.34E-03	1.74E-03	1.05E-03	1.70E-03	2.33E-03	1.82E-03	1.82E-03	1.82E-03	1.21E-03	5.30E-04
1413	561221.8	4192221	3.12E-03	3.93E-03	3.08E-03	3.09E-03	3.08E-03	2.29E-03	1.39E-03	2.23E-03	3.06E-03	2.39E-03	2.40E-03	2.39E-03	1.59E-03	6.98E-04
1414	561212.3	4192219	3.46E-03	4.35E-03	3.42E-03	3.42E-03	3.42E-03	2.53E-03	1.54E-03	2.47E-03	3.39E-03	2.65E-03	2.66E-03	2.65E-03	1.77E-03	7.73E-04
1415	561202.7	4192217	3.79E-03	4.77E-03	3.74E-03	3.75E-03	3.74E-03	2.77E-03	1.68E-03	2.71E-03	3.71E-03	2.90E-03	2.91E-03	2.90E-03	1.93E-03	8.47E-04
1416	561193.2	4192214	4.09E-03	5.15E-03	4.04E-03	4.05E-03	4.04E-03	2.99E-03	1.82E-03	2.93E-03	4.01E-03	3.13E-03	3.14E-03	3.13E-03	2.09E-03	9.14E-04
1417	561183.7	4192212	4.35E-03	5.48E-03	4.30E-03	4.31E-03	4.30E-03	3.19E-03	1.93E-03	3.11E-03	4.27E-03	3.33E-03	3.34E-03	3.33E-03	2.22E-03	9.73E-04
1418	561174.1	4192210	4.57E-03	5.75E-03	4.51E-03	4.52E-03	4.51E-03	3.34E-03	2.03E-03	3.27E-03	4.48E-03	3.50E-03	3.51E-03	3.50E-03	2.33E-03	1.02E-03
1419	561164.6	4192207	4.73E-03	5.95E-03	4.67E-03	4.68E-03	4.67E-03	3.46E-03	2.10E-03	3.38E-03	4.64E-03	3.62E-03	3.63E-03	3.62E-03	2.41E-03	1.06E-03
1420	561155.1	4192205	4.85E-03	6.10E-03	4.79E-03	4.80E-03	4.79E-03	3.55E-03	2.15E-03	3.47E-03	4.75E-03	3.71E-03	3.72E-03	3.71E-03	2.47E-03	1.08E-03
1421	561126.5	4192198	5.12E-03	6.44E-03	5.06E-03	5.07E-03	5.06E-03	3.75E-03	2.27E-03	3.66E-03	5.02E-03	3.92E-03	3.93E-03	3.92E-03	2.61E-03	1.14E-03
1422	561116.9	4192196	5.22E-03	6.56E-03	5.15E-03	5.16E-03	5.15E-03	3.82E-03	2.31E-03	3.73E-03	5.11E-03	3.99E-03	4.00E-03	3.99E-03	2.66E-03	1.17E-03
1423	561107.4	4192193	5.30E-03	6.66E-03	5.23E-03	5.24E-03	5.23E-03	3.88E-03	2.35E-03	3.79E-03	5.19E-03	4.05E-03	4.06E-03	4.05E-03	2.70E-03	1.18E-03
1424	561097.9	4192191	5.35E-03	6.72E-03	5.28E-03	5.29E-03	5.28E-03	3.91E-03	2.37E-03	3.82E-03	5.24E-03	4.09E-03	4.10E-03	4.09E-03	2.73E-03	1.19E-03
1425	561088.3	4192189	5.35E-03	6.73E-03	5.28E-03	5.29E-03	5.28E-03	3.92E-03	2.37E-03	3.83E-03	5.24E-03	4.09E-03	4.11E-03	4.09E-03	2.73E-03	1.20E-03
1426	561078.8	4192186	5.30E-03	6.66E-03	5.23E-03	5.24E-03	5.23E-03	3.88E-03	2.35E-03	3.79E-03	5.19E-03	4.05E-03	4.06E-03	4.05E-03	2.70E-03	1.18E-03
1427	561069.3	4192184	5.17E-03	6.50E-03	5.10E-03	5.12E-03	5.10E-03	3.79E-03	2.29E-03	3.70E-03	5.07E-03	3.96E-03	3.97E-03	3.96E-03	2.64E-03	1.16E-03
1428	561059.7	4192181	4.98E-03	6.26E-03	4.91E-03	4.93E-03	4.91E-03	3.64E-03	2.21E-03	3.56E-03	4.88E-03	3.81E-03	3.82E-03	3.81E-03	2.54E-03	1.11E-03
1429	561266.1	4192247	2.09E-03	2.62E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.26E-04	1.49E-03	2.05E-03	1.60E-03	1.60E-03	1.60E-03	1.07E-03	4.66E-04
1430	561267.4	4192256	2.16E-03													

1455	561198	4192195	3.10E-03	3.90E-03	3.06E-03	3.07E-03	3.06E-03	2.27E-03	1.37E-03	2.22E-03	3.04E-03	2.37E-03	2.38E-03	2.37E-03	1.58E-03	6.92E-04
1456	561188.4	4192192	3.29E-03	4.13E-03	3.24E-03	3.25E-03	3.24E-03	2.41E-03	1.46E-03	2.35E-03	3.22E-03	2.52E-03	2.52E-03	2.52E-03	1.68E-03	7.34E-04
1457	561178.9	4192190	3.45E-03	4.34E-03	3.41E-03	3.42E-03	3.41E-03	2.53E-03	1.53E-03	2.47E-03	3.38E-03	2.64E-03	2.65E-03	2.64E-03	1.76E-03	7.71E-04
1458	561169.4	4192188	3.59E-03	4.52E-03	3.54E-03	3.55E-03	3.54E-03	2.63E-03	1.59E-03	2.57E-03	3.52E-03	2.75E-03	2.76E-03	2.75E-03	1.83E-03	8.02E-04
1459	561159.8	4192185	3.71E-03	4.66E-03	3.66E-03	3.67E-03	3.66E-03	2.71E-03	1.65E-03	2.65E-03	3.63E-03	2.84E-03	2.85E-03	2.84E-03	1.89E-03	8.29E-04
1460	561131.2	4192178	3.98E-03	5.01E-03	3.93E-03	3.94E-03	3.93E-03	2.91E-03	1.77E-03	2.85E-03	3.90E-03	3.05E-03	3.06E-03	3.05E-03	2.03E-03	8.90E-04
1461	561121.7	4192176	4.05E-03	5.10E-03	4.00E-03	4.01E-03	4.00E-03	2.97E-03	1.80E-03	2.90E-03	3.97E-03	3.10E-03	3.11E-03	3.10E-03	2.07E-03	9.05E-04
1462	561112.2	4192174	4.11E-03	5.17E-03	4.05E-03	4.07E-03	4.05E-03	3.01E-03	1.82E-03	2.94E-03	4.03E-03	3.14E-03	3.15E-03	3.14E-03	2.10E-03	9.18E-04
1463	561102.6	4192171	4.14E-03	5.21E-03	4.09E-03	4.10E-03	4.09E-03	3.03E-03	1.84E-03	2.96E-03	4.06E-03	3.17E-03	3.18E-03	3.17E-03	2.11E-03	9.26E-04
1464	561093.1	4192169	4.15E-03	5.22E-03	4.10E-03	4.11E-03	4.10E-03	3.04E-03	1.84E-03	2.97E-03	4.07E-03	3.18E-03	3.18E-03	3.18E-03	2.12E-03	9.27E-04
1465	561083.6	4192167	4.12E-03	5.18E-03	4.07E-03	4.08E-03	4.07E-03	3.02E-03	1.83E-03	2.95E-03	4.04E-03	3.15E-03	3.16E-03	3.15E-03	2.10E-03	9.21E-04
1466	561074	4192164	4.05E-03	5.10E-03	4.00E-03	4.01E-03	4.00E-03	2.97E-03	1.80E-03	2.90E-03	3.97E-03	3.10E-03	3.11E-03	3.10E-03	2.07E-03	9.06E-04
1467	561064.5	4192162	3.95E-03	4.97E-03	3.90E-03	3.91E-03	3.90E-03	2.89E-03	1.75E-03	2.83E-03	3.87E-03	3.02E-03	3.03E-03	3.02E-03	2.02E-03	8.83E-04
1468	561267.5	4192216	1.72E-03	2.16E-03	1.69E-03	1.70E-03	1.69E-03	1.26E-03	7.61E-04	1.23E-03	1.68E-03	1.31E-03	1.32E-03	1.31E-03	8.75E-04	3.83E-04
1469	561274.7	4192221	1.65E-03	2.07E-03	1.63E-03	1.63E-03	1.63E-03	1.21E-03	7.32E-04	1.18E-03	1.62E-03	1.26E-03	1.27E-03	1.26E-03	8.42E-04	3.69E-04
1470	561283.2	4192236	1.65E-03	2.07E-03	1.63E-03	1.63E-03	1.63E-03	1.21E-03	7.31E-04	1.18E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	8.40E-04	3.68E-04
1471	561284.5	4192245	1.70E-03	2.14E-03	1.68E-03	1.68E-03	1.68E-03	1.24E-03	7.54E-04	1.22E-03	1.67E-03	1.30E-03	1.30E-03	1.30E-03	8.67E-04	3.80E-04
1472	561286.9	4192263	1.78E-03	2.24E-03	1.76E-03	1.76E-03	1.76E-03	1.30E-03	7.89E-04	1.27E-03	1.74E-03	1.36E-03	1.37E-03	1.36E-03	9.08E-04	3.97E-04
1473	561228.9	4192192	2.21E-03	2.78E-03	2.18E-03	2.19E-03	2.18E-03	1.62E-03	9.81E-04	1.58E-03	2.17E-03	1.69E-03	1.70E-03	1.69E-03	1.13E-03	4.94E-04
1474	561219.4	4192190	2.39E-03	3.01E-03	2.36E-03	2.37E-03	2.36E-03	1.75E-03	1.06E-03	1.71E-03	2.35E-03	1.83E-03	1.84E-03	1.83E-03	1.22E-03	5.35E-04
1475	561209.9	4192187	2.58E-03	3.24E-03	2.54E-03	2.55E-03	2.54E-03	1.89E-03	1.14E-03	1.84E-03	2.52E-03	1.97E-03	1.98E-03	1.97E-03	1.31E-03	5.76E-04
1476	561200.3	4192185	2.75E-03	3.46E-03	2.72E-03	2.72E-03	2.72E-03	2.01E-03	1.22E-03	1.97E-03	2.70E-03	2.11E-03	2.11E-03	2.11E-03	1.40E-03	6.15E-04
1477	561190.8	4192183	2.91E-03	3.66E-03	2.88E-03	2.88E-03	2.88E-03	2.13E-03	1.29E-03	2.08E-03	2.85E-03	2.23E-03	2.24E-03	2.23E-03	1.49E-03	6.51E-04
1478	561181.3	4192180	3.06E-03	3.85E-03	3.02E-03	3.03E-03	3.02E-03	2.24E-03	1.36E-03	2.19E-03	3.00E-03	2.34E-03	2.35E-03	2.34E-03	1.56E-03	6.83E-04
1479	561171.7	4192178	3.19E-03	4.01E-03	3.15E-03	3.15E-03	3.15E-03	2.33E-03	1.41E-03	2.28E-03	3.12E-03	2.44E-03	2.45E-03	2.44E-03	1.63E-03	7.12E-04
1480	561162.2	4192176	3.30E-03	4.15E-03	3.26E-03	3.27E-03	3.26E-03	2.41E-03	1.46E-03	2.36E-03	3.23E-03	2.52E-03	2.53E-03	2.52E-03	1.68E-03	7.37E-04
1481	561133.6	4192169	3.56E-03	4.48E-03	3.52E-03	3.53E-03	3.52E-03	2.61E-03	1.58E-03	2.55E-03	3.49E-03	2.73E-03	2.74E-03	2.73E-03	1.82E-03	7.96E-04
1482	561124.1	4192166	3.63E-03	4.56E-03	3.58E-03	3.59E-03	3.58E-03	2.66E-03	1.61E-03	2.60E-03	3.56E-03	2.78E-03	2.79E-03	2.78E-03	1.85E-03	8.11E-04
1483	561114.6	4192164	3.68E-03	4.63E-03	3.63E-03	3.64E-03	3.63E-03	2.69E-03	1.63E-03	2.63E-03	3.61E-03	2.82E-03	2.82E-03	2.82E-03	1.88E-03	8.22E-04
1484	561105	4192162	3.71E-03	4.67E-03	3.66E-03	3.67E-03	3.66E-03	2.72E-03	1.65E-03	2.65E-03	3.64E-03	2.84E-03	2.85E-03	2.84E-03	1.89E-03	8.29E-04
1485	561095.5	4192159	3.72E-03	4.68E-03	3.67E-03	3.68E-03	3.67E-03	2.72E-03	1.65E-03	2.66E-03	3.64E-03	2.85E-03	2.85E-03	2.85E-03	1.90E-03	8.31E-04
1486	561086	4192157	3.70E-03	4.65E-03	3.65E-03	3.66E-03	3.65E-03	2.71E-03	1.64E-03	2.65E-03	3.62E-03	2.83E-03	2.84E-03	2.83E-03	1.89E-03	8.26E-04
1487	561076.4	4192155	3.65E-03	4.59E-03	3.60E-03	3.61E-03	3.60E-03	2.67E-03	1.62E-03	2.61E-03	3.58E-03	2.79E-03	2.80E-03	2.79E-03	1.86E-03	8.15E-04
1488	561066.9	4192152	3.57E-03	4.49E-03	3.52E-03	3.53E-03	3.52E-03	2.61E-03	1.58E-03	2.55E-03	3.50E-03	2.73E-03	2.74E-03	2.73E-03	1.82E-03	7.98E-04
1489	561276.4	4192211	1.53E-03	1.93E-03	1.51E-03	1.52E-03	1.51E-03	1.12E-03	6.80E-04	1.10E-03	1.50E-03	1.17E-03	1.18E-03	1.17E-03	7.82E-04	3.43E-04
1490	561283.5	4192216	1.48E-03	1.86E-03	1.46E-03	1.47E-03	1.46E-03	1.08E-03	6.57E-04	1.06E-03	1.45E-03	1.13E-03	1.14E-03	1.13E-03	7.56E-04	3.31E-04
1491	561291.8	4192230	1.48E-03	1.87E-03	1.46E-03	1.47E-03	1.46E-03	1.09E-03	6.58E-04	1.06E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	7.57E-04	3.31E-04
1492	561294.2	4192248	1.57E-03	1.98E-03	1.55E-03	1.56E-03	1.55E-03	1.15E-03	6.97E-04	1.12E-03	1.54E-03	1.20E-03	1.21E-03	1.20E-03	8.02E-04	3.51E-04
1493	561296.7	4192265	1.63E-03	2.05E-03	1.61E-03	1.61E-03	1.61E-03	1.19E-03	7.23E-04	1.17E-03	1.60E-03	1.25E-03	1.25E-03	1.25E-03	8.32E-04	3.64E-04
1494	561231.3	4192182	2.01E-03	2.53E-03	1.98E-03	1.99E-03	1.98E-03	1.47E-03	8.91E-04	1.44E-03	1.97E-03	1.54E-03	1.54E-03	1.54E-03	1.02E-03	4.49E-04
1495	561221.8	4192180	2.16E-03	2.72E-03	2.14E-03	2.14E-03	2.14E-03	1.58E-03	9.60E-04	1.55E-03	2.12E-03	1.66E-03	1.66E-03	1.66E-03	1.10E-03	4.83E-04
1496	561212.3	4192178	2.32E-03	2.92E-03	2.29E-03	2.29E-03	2.29E-03	1.70E-03	1.03E-03	1.66E-03	2.27E-03	1.77E-03	1.78E-03	1.77E-03	1.18E-03	5.18E-04
1497	561202.7	4192175	2.47E-03	3.10E-03	2.44E-03	2.44E-03	2.44E-03	1.81E-03	1.10E-03	1.77E-03	2.42E-03	1.89E-03	1.89E-03	1.89E-03	1.26E-03	5.51E-04
1498	561193.2	4192173	2.61E-03	3.28E-03	2.58E-03	2.58E-03	2.58E-03	1.91E-03	1.16E-03	1.87E-03	2.56E-03	2.00E-03	2.00E-03	2.00E-03	1.33E-03	5.83E-04
1499	561183.7	4192171	2.74E-03	3.44E-03	2.70E-03	2.71E-03	2.70E-03	2.00E-03	1.22E-03	1.96E-03	2.68E-03	2.10E-03	2.10E-03	2.10E-03	1.40E-03	6.12E-04
1500	561174.1	4192168	2.86E-03	3.59E-03	2.82E-03	2.83E-03	2.82E-03	2.09E-03	1.27E-03	2.04E-03	2.80E-03	2.19E-03	2.19E-03	2.19E-03	1.46E-03	6.38E-04
1501	561164.6	4192166	2.96E-03	3.72E-03	2.92E-03	2.93E-03	2.92E-03	2.17E-03	1.31E-03	2.12E-03	2.90E-03	2.27E-03	2.27E-03	2.27E-03	1.51E-03	6.62E-04
1502	561136	4192159	3.22E-03	4.04E-03	3.17E-03	3.18E-03	3.17E-03	2.35E-03	1.43E-03	2.30E-03	3.15E-03	2.46E-03	2.47E-03	2.46E-03	1.64E-03	7.18E-04
1503	561126.5	4192157	3.28E-03	4.12E-03	3.23E-03	3.24E-03	3.23E-03	2.40E-03	1.45E-03	2.34E-03	3.21E-03	2.51E-03	2.51E-03	2.51E-03	1.67E-03	7.32E-04
1504	561116.9	4192154	3.32E-03	4.18E-03	3.28E-03	3.29E-03	3.28E-03	2.43E-03	1.47E-03	2.38E-03	3.26E-03	2.54E-03	2.55E-03	2.54E-03	1.70E-03	7.43E-04
1505	561107.4	4192152	3.35E-03	4.22E-03	3.31E-03	3.32E-03	3.31E-03	2.45E-03	1.49E-03	2.40E-03	3.29E-03	2.57E-03	2.57E-03	2.57E-03	1.71E-03	7.49E-04
1506	561097.9	4192150	3.36E-03	4.23E-03	3.32E-03	3.33E-03	3.32E-03	2.46E-03	1.49E-03	2.40E-03	3.29E-03	2.57E-03	2.58E-03	2.57E-03	1.72E-03	7.51E-04
1507	561088.3	4192147	3.35E-03	4.21E-03	3.31E-03	3.31E-03	3.31E-03	2.45E-03	1.49E-03	2.40E-03	3.28E-03	2.56E-03	2.57E-03	2.56E-03	1.71E-03	7.48E-04
1508	561078.8	4192145	3.31E-03	4.16E-03	3.27E-03	3.28E-03	3.27E-03	2.42E-03	1.47E-03	2.37E-03	3.25E-03	2.53E-03	2.54E-03	2.53E-03	1.69E-03	7.40E-04
1509	561069.3	4192143	3.25E-03	4.09E-03	3.21E-03	3.22E-03	3.21E-03	2.38E-03	1.44E-03	2.33E-03	3.19E-03	2.49E-03	2.50E-03	2.49E-03	1.66E-03	7.27E-04
1510	561278.2	4192201	1.43E-03	1.80E-03	1.41E-03	1.41E-03	1.41E-03	1.05E-03	6.34E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.29E-04	3.19E-04
1511	561292.2	4192211	1.34E-03													

1536	561310.5	4192231	1.28E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	9.34E-04	5.66E-04	9.13E-04	1.25E-03	9.77E-04	9.80E-04	9.77E-04	6.51E-04	2.85E-04
1537	561311.8	4192240	1.31E-03	1.65E-03	1.30E-03	1.30E-03	1.30E-03	9.62E-04	5.83E-04	9.40E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.70E-04	2.94E-04
1538	561313.1	4192250	1.35E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.85E-04	5.97E-04	9.62E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.87E-04	3.01E-04
1539	561314.4	4192259	1.37E-03	1.72E-03	1.35E-03	1.36E-03	1.35E-03	1.00E-03	6.08E-04	9.80E-04	1.34E-03	1.05E-03	1.05E-03	1.05E-03	6.99E-04	3.06E-04
1540	561315.8	4192269	1.39E-03	1.74E-03	1.37E-03	1.37E-03	1.37E-03	1.02E-03	6.16E-04	9.92E-04	1.36E-03	1.06E-03	1.06E-03	1.06E-03	7.08E-04	3.10E-04
1541	561245.6	4192165	1.58E-03	1.98E-03	1.56E-03	1.56E-03	1.56E-03	1.15E-03	6.99E-04	1.13E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.04E-04	3.52E-04
1542	561236.1	4192163	1.69E-03	2.12E-03	1.67E-03	1.67E-03	1.67E-03	1.24E-03	7.50E-04	1.21E-03	1.66E-03	1.29E-03	1.30E-03	1.29E-03	8.62E-04	3.77E-04
1543	561226.6	4192161	1.81E-03	2.27E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.01E-04	1.29E-03	1.77E-03	1.38E-03	1.39E-03	1.38E-03	9.21E-04	4.03E-04
1544	561217	4192158	1.92E-03	2.42E-03	1.90E-03	1.90E-03	1.90E-03	1.41E-03	8.53E-04	1.37E-03	1.88E-03	1.47E-03	1.48E-03	1.47E-03	9.81E-04	4.29E-04
1545	561207.5	4192156	2.04E-03	2.56E-03	2.01E-03	2.02E-03	2.01E-03	1.49E-03	9.04E-04	1.46E-03	2.00E-03	1.56E-03	1.56E-03	1.56E-03	1.04E-03	4.55E-04
1546	561198	4192154	2.15E-03	2.70E-03	2.12E-03	2.12E-03	2.12E-03	1.57E-03	9.53E-04	1.54E-03	2.10E-03	1.64E-03	1.65E-03	1.64E-03	1.10E-03	4.80E-04
1547	561188.4	4192151	2.25E-03	2.83E-03	2.22E-03	2.23E-03	2.22E-03	1.65E-03	9.99E-04	1.61E-03	2.21E-03	1.72E-03	1.73E-03	1.72E-03	1.15E-03	5.03E-04
1548	561178.9	4192149	2.35E-03	2.96E-03	2.32E-03	2.33E-03	2.32E-03	1.72E-03	1.04E-03	1.68E-03	2.30E-03	1.80E-03	1.80E-03	1.80E-03	1.20E-03	5.25E-04
1549	561169.4	4192147	2.44E-03	3.07E-03	2.41E-03	2.42E-03	2.41E-03	1.79E-03	1.08E-03	1.75E-03	2.39E-03	1.87E-03	1.87E-03	1.87E-03	1.25E-03	5.45E-04
1550	561150.3	4192142	2.60E-03	3.27E-03	2.57E-03	2.57E-03	2.57E-03	1.90E-03	1.15E-03	1.86E-03	2.55E-03	1.99E-03	2.00E-03	1.99E-03	1.33E-03	5.81E-04
1551	561140.8	4192140	2.67E-03	3.35E-03	2.63E-03	2.64E-03	2.63E-03	1.95E-03	1.18E-03	1.91E-03	2.61E-03	2.04E-03	2.05E-03	2.04E-03	1.36E-03	5.96E-04
1552	561131.2	4192137	2.72E-03	3.42E-03	2.69E-03	2.69E-03	2.69E-03	1.99E-03	1.21E-03	1.95E-03	2.67E-03	2.08E-03	2.09E-03	2.08E-03	1.39E-03	6.08E-04
1553	561121.7	4192135	2.76E-03	3.47E-03	2.73E-03	2.73E-03	2.73E-03	2.02E-03	1.23E-03	1.98E-03	2.71E-03	2.11E-03	2.12E-03	2.11E-03	1.41E-03	6.17E-04
1554	561112.2	4192133	2.79E-03	3.51E-03	2.75E-03	2.76E-03	2.75E-03	2.04E-03	1.24E-03	2.00E-03	2.73E-03	2.14E-03	2.14E-03	2.14E-03	1.42E-03	6.23E-04
1555	561102.6	4192130	2.80E-03	3.52E-03	2.77E-03	2.77E-03	2.77E-03	2.05E-03	1.24E-03	2.00E-03	2.75E-03	2.15E-03	2.15E-03	2.15E-03	1.43E-03	6.26E-04
1556	561093.1	4192128	2.80E-03	3.52E-03	2.76E-03	2.77E-03	2.76E-03	2.05E-03	1.24E-03	2.00E-03	2.74E-03	2.14E-03	2.15E-03	2.14E-03	1.43E-03	6.25E-04
1557	561083.6	4192126	2.78E-03	3.50E-03	2.74E-03	2.75E-03	2.74E-03	2.03E-03	1.23E-03	1.99E-03	2.72E-03	2.13E-03	2.13E-03	2.13E-03	1.42E-03	6.21E-04
1558	561074.1	4192123	2.74E-03	3.45E-03	2.71E-03	2.72E-03	2.71E-03	2.01E-03	1.22E-03	1.96E-03	2.69E-03	2.10E-03	2.11E-03	2.10E-03	1.40E-03	6.13E-04
1559	561278.4	4192178	1.27E-03	1.60E-03	1.25E-03	1.26E-03	1.25E-03	9.29E-04	5.63E-04	9.08E-04	1.24E-03	9.71E-04	9.74E-04	9.71E-04	6.48E-04	2.83E-04
1560	561286	4192184	1.23E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.98E-04	5.44E-04	8.77E-04	1.20E-03	9.39E-04	9.41E-04	9.39E-04	6.26E-04	2.74E-04
1561	561293.6	4192189	1.19E-03	1.49E-03	1.17E-03	1.18E-03	1.17E-03	8.70E-04	5.27E-04	8.50E-04	1.16E-03	9.09E-04	9.12E-04	9.09E-04	6.06E-04	2.65E-04
1562	561301.2	4192195	1.15E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	8.45E-04	5.12E-04	8.25E-04	1.13E-03	8.83E-04	8.86E-04	8.83E-04	5.89E-04	2.58E-04
1563	561308.8	4192201	1.12E-03	1.41E-03	1.11E-03	1.11E-03	1.11E-03	8.22E-04	4.99E-04	8.04E-04	1.10E-03	8.60E-04	8.62E-04	8.60E-04	5.73E-04	2.51E-04
1564	561317.7	4192216	1.13E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.30E-04	5.03E-04	8.11E-04	1.11E-03	8.68E-04	8.70E-04	8.68E-04	5.78E-04	2.53E-04
1565	561319	4192225	1.17E-03	1.47E-03	1.16E-03	1.16E-03	1.16E-03	8.57E-04	5.20E-04	8.37E-04	1.15E-03	8.96E-04	8.99E-04	8.96E-04	5.97E-04	2.62E-04
1566	561320.3	4192234	1.21E-03	1.52E-03	1.19E-03	1.19E-03	1.19E-03	8.82E-04	5.35E-04	8.62E-04	1.18E-03	9.22E-04	9.25E-04	9.22E-04	6.15E-04	2.69E-04
1567	561321.6	4192244	1.24E-03	1.55E-03	1.22E-03	1.22E-03	1.22E-03	9.04E-04	5.48E-04	8.83E-04	1.21E-03	9.45E-04	9.48E-04	9.45E-04	6.30E-04	2.76E-04
1568	561322.9	4192253	1.26E-03	1.58E-03	1.24E-03	1.25E-03	1.24E-03	9.22E-04	5.59E-04	9.01E-04	1.23E-03	9.64E-04	9.66E-04	9.64E-04	6.43E-04	2.81E-04
1569	561324.2	4192263	1.28E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	9.35E-04	5.67E-04	9.14E-04	1.25E-03	9.78E-04	9.81E-04	9.78E-04	6.52E-04	2.85E-04
1570	561325.5	4192272	1.29E-03	1.62E-03	1.27E-03	1.28E-03	1.27E-03	9.45E-04	5.73E-04	9.23E-04	1.27E-03	9.88E-04	9.91E-04	9.88E-04	6.59E-04	2.88E-04
1571	561248	4192156	1.46E-03	1.84E-03	1.44E-03	1.45E-03	1.44E-03	1.07E-03	6.49E-04	1.05E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	7.46E-04	3.27E-04
1572	561238.5	4192153	1.56E-03	1.96E-03	1.54E-03	1.55E-03	1.54E-03	1.14E-03	6.93E-04	1.12E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	7.97E-04	3.49E-04
1573	561228.9	4192151	1.66E-03	2.09E-03	1.64E-03	1.65E-03	1.64E-03	1.22E-03	7.39E-04	1.19E-03	1.63E-03	1.27E-03	1.28E-03	1.27E-03	8.50E-04	3.72E-04
1574	561219.4	4192149	1.77E-03	2.22E-03	1.74E-03	1.75E-03	1.74E-03	1.29E-03	7.84E-04	1.26E-03	1.73E-03	1.35E-03	1.36E-03	1.35E-03	9.02E-04	3.95E-04
1575	561209.9	4192146	1.87E-03	2.35E-03	1.84E-03	1.85E-03	1.84E-03	1.37E-03	8.29E-04	1.34E-03	1.83E-03	1.43E-03	1.43E-03	1.43E-03	9.54E-04	4.18E-04
1576	561200.3	4192144	1.97E-03	2.48E-03	1.94E-03	1.95E-03	1.94E-03	1.44E-03	8.73E-04	1.41E-03	1.93E-03	1.51E-03	1.51E-03	1.51E-03	1.00E-03	4.40E-04
1577	561190.8	4192142	2.06E-03	2.59E-03	2.04E-03	2.04E-03	2.04E-03	1.51E-03	9.15E-04	1.48E-03	2.02E-03	1.58E-03	1.58E-03	1.58E-03	1.05E-03	4.61E-04
1578	561181.3	4192139	2.15E-03	2.71E-03	2.12E-03	2.13E-03	2.12E-03	1.58E-03	9.55E-04	1.54E-03	2.11E-03	1.65E-03	1.65E-03	1.65E-03	1.10E-03	4.81E-04
1579	561171.8	4192137	2.24E-03	2.81E-03	2.21E-03	2.21E-03	2.21E-03	1.64E-03	9.93E-04	1.60E-03	2.19E-03	1.71E-03	1.72E-03	1.71E-03	1.14E-03	5.00E-04
1580	561152.7	4192132	2.39E-03	3.00E-03	2.35E-03	2.36E-03	2.35E-03	1.75E-03	1.06E-03	1.71E-03	2.34E-03	1.83E-03	1.83E-03	1.83E-03	1.22E-03	5.33E-04
1581	561143.2	4192130	2.45E-03	3.08E-03	2.41E-03	2.42E-03	2.41E-03	1.79E-03	1.09E-03	1.75E-03	2.40E-03	1.87E-03	1.88E-03	1.87E-03	1.25E-03	5.47E-04
1582	561133.6	4192128	2.50E-03	3.14E-03	2.47E-03	2.47E-03	2.47E-03	1.83E-03	1.11E-03	1.79E-03	2.45E-03	1.91E-03	1.92E-03	1.91E-03	1.27E-03	5.58E-04
1583	561124.1	4192125	2.54E-03	3.19E-03	2.50E-03	2.51E-03	2.50E-03	1.86E-03	1.13E-03	1.82E-03	2.49E-03	1.94E-03	1.95E-03	1.94E-03	1.30E-03	5.67E-04
1584	561114.6	4192123	2.57E-03	3.23E-03	2.53E-03	2.54E-03	2.53E-03	1.88E-03	1.14E-03	1.83E-03	2.51E-03	1.96E-03	1.97E-03	1.96E-03	1.31E-03	5.73E-04
1585	561105	4192121	2.58E-03	3.24E-03	2.55E-03	2.55E-03	2.55E-03	1.89E-03	1.14E-03	1.84E-03	2.53E-03	1.97E-03	1.98E-03	1.97E-03	1.32E-03	5.76E-04
1586	561095.5	4192118	2.58E-03	3.24E-03	2.55E-03	2.55E-03	2.55E-03	1.89E-03	1.14E-03	1.84E-03	2.53E-03	1.97E-03	1.98E-03	1.97E-03	1.32E-03	5.76E-04
1587	561086	4192116	2.57E-03	3.23E-03	2.53E-03	2.54E-03	2.53E-03	1.88E-03	1.14E-03	1.83E-03	2.51E-03	1.96E-03	1.97E-03	1.96E-03	1.31E-03	5.73E-04
1588	561076.4	4192113	2.54E-03	3.19E-03	2.50E-03	2.51E-03	2.50E-03	1.86E-03	1.13E-03	1.82E-03	2.49E-03	1.94E-03	1.95E-03	1.94E-03	1.30E-03	5.67E-04
1589	561280.2	4192168	1.19E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.72E-04	5.29E-04	8.52E-04	1.17E-03	9.12E-04	9.14E-04	9.12E-04	6.08E-04	2.66E-04
1590	561287.7	4192174	1.15E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	8.44E-04	5.12E-04	8.24E-04	1.13E-03	8.82E-04	8.85E-04	8.82E-04	5.88E-04	2.58E-04
1591	561295.2	4192179	1.12E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	8.18E-04	4.96E-04	8.00E-04	1.10E-03	8.56E-04	8.58E-04	8.56E-04	5.70E-04	2.50E-04
1592	561302.6	4192185	1.09E-03	1												

1617	561088.4	4192106	2.38E-03	2.99E-03	2.35E-03	2.35E-03	2.35E-03	1.74E-03	1.05E-03	1.70E-03	2.33E-03	1.82E-03	1.82E-03	1.82E-03	1.21E-03	5.31E-04
1618	561078.8	4192104	2.36E-03	2.96E-03	2.33E-03	2.33E-03	2.33E-03	1.72E-03	1.05E-03	1.69E-03	2.31E-03	1.80E-03	1.81E-03	1.80E-03	1.20E-03	5.26E-04
1619	561282.2	4192158	1.12E-03	1.41E-03	1.11E-03	1.11E-03	1.11E-03	8.20E-04	4.97E-04	8.01E-04	1.10E-03	8.58E-04	8.60E-04	8.58E-04	5.72E-04	2.50E-04
1620	561289.5	4192163	1.09E-03	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.95E-04	4.82E-04	7.77E-04	1.06E-03	8.31E-04	8.33E-04	8.31E-04	5.54E-04	2.43E-04
1621	561296.9	4192169	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.71E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.35E-04
1622	561304.2	4192174	1.03E-03	1.29E-03	1.01E-03	1.01E-03	1.01E-03	7.50E-04	4.55E-04	7.33E-04	1.00E-03	7.85E-04	7.87E-04	7.85E-04	5.23E-04	2.29E-04
1623	561311.6	4192180	1.00E-03	1.26E-03	9.87E-04	9.89E-04	9.87E-04	7.32E-04	4.44E-04	7.15E-04	9.80E-04	7.65E-04	7.67E-04	7.65E-04	5.10E-04	2.23E-04
1624	561318.9	4192185	9.77E-04	1.23E-03	9.64E-04	9.67E-04	9.64E-04	7.15E-04	4.33E-04	6.99E-04	9.57E-04	7.48E-04	7.50E-04	7.48E-04	4.99E-04	2.18E-04
1625	561326.3	4192191	9.57E-04	1.20E-03	9.44E-04	9.47E-04	9.44E-04	7.00E-04	4.24E-04	6.84E-04	9.37E-04	7.32E-04	7.34E-04	7.32E-04	4.88E-04	2.14E-04
1626	561334.9	4192205	9.69E-04	1.22E-03	9.56E-04	9.59E-04	9.56E-04	7.09E-04	4.30E-04	6.93E-04	9.49E-04	7.41E-04	7.43E-04	7.41E-04	4.94E-04	2.16E-04
1627	561336.1	4192214	9.99E-04	1.26E-03	9.86E-04	9.89E-04	9.86E-04	7.31E-04	4.43E-04	7.14E-04	9.79E-04	7.64E-04	7.67E-04	7.64E-04	5.10E-04	2.23E-04
1628	561337.4	4192223	1.03E-03	1.29E-03	1.01E-03	1.02E-03	1.01E-03	7.52E-04	4.56E-04	7.35E-04	1.01E-03	7.87E-04	7.89E-04	7.87E-04	5.24E-04	2.30E-04
1629	561338.6	4192232	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
1630	561344.9	4192278	1.13E-03	1.42E-03	1.12E-03	1.12E-03	1.12E-03	8.27E-04	5.01E-04	8.08E-04	1.11E-03	8.65E-04	8.67E-04	8.65E-04	5.77E-04	2.52E-04
1631	561233.7	4192132	1.44E-03	1.81E-03	1.42E-03	1.42E-03	1.42E-03	1.05E-03	6.37E-04	1.03E-03	1.41E-03	1.10E-03	1.10E-03	1.10E-03	7.73E-04	3.21E-04
1632	561224.2	4192129	1.52E-03	1.91E-03	1.50E-03	1.50E-03	1.50E-03	1.11E-03	6.74E-04	1.09E-03	1.49E-03	1.16E-03	1.17E-03	1.16E-03	7.75E-04	3.39E-04
1633	561214.6	4192127	1.60E-03	2.01E-03	1.58E-03	1.58E-03	1.58E-03	1.17E-03	7.10E-04	1.14E-03	1.57E-03	1.23E-03	1.23E-03	1.23E-03	8.17E-04	3.58E-04
1634	561205.1	4192125	1.68E-03	2.11E-03	1.66E-03	1.66E-03	1.66E-03	1.23E-03	7.46E-04	1.20E-03	1.65E-03	1.29E-03	1.29E-03	1.29E-03	8.58E-04	3.76E-04
1635	561195.6	4192122	1.76E-03	2.21E-03	1.74E-03	1.74E-03	1.74E-03	1.29E-03	7.81E-04	1.26E-03	1.72E-03	1.35E-03	1.35E-03	1.35E-03	8.98E-04	3.93E-04
1636	561186.1	4192120	1.84E-03	2.31E-03	1.81E-03	1.82E-03	1.81E-03	1.34E-03	8.14E-04	1.31E-03	1.80E-03	1.40E-03	1.41E-03	1.40E-03	9.36E-04	4.10E-04
1637	561176.5	4192117	1.91E-03	2.40E-03	1.88E-03	1.89E-03	1.88E-03	1.40E-03	8.46E-04	1.36E-03	1.87E-03	1.46E-03	1.46E-03	1.46E-03	9.73E-04	4.26E-04
1638	561157.5	4192113	2.03E-03	2.56E-03	2.01E-03	2.01E-03	2.01E-03	1.49E-03	9.02E-04	1.45E-03	1.99E-03	1.56E-03	1.56E-03	1.56E-03	1.04E-03	4.54E-04
1639	561147.9	4192110	2.09E-03	2.62E-03	2.06E-03	2.07E-03	2.06E-03	1.53E-03	9.26E-04	1.49E-03	2.05E-03	1.60E-03	1.60E-03	1.60E-03	1.06E-03	4.66E-04
1640	561138.4	4192108	2.13E-03	2.68E-03	2.10E-03	2.11E-03	2.10E-03	1.56E-03	9.46E-04	1.52E-03	2.09E-03	1.63E-03	1.64E-03	1.63E-03	1.09E-03	4.76E-04
1641	561128.9	4192106	2.17E-03	2.73E-03	2.14E-03	2.15E-03	2.14E-03	1.59E-03	9.62E-04	1.55E-03	2.12E-03	1.66E-03	1.66E-03	1.66E-03	1.11E-03	4.84E-04
1642	561119.3	4192103	2.19E-03	2.76E-03	2.17E-03	2.17E-03	2.17E-03	1.61E-03	9.74E-04	1.57E-03	2.15E-03	1.68E-03	1.68E-03	1.68E-03	1.12E-03	4.90E-04
1643	561109.8	4192101	2.21E-03	2.78E-03	2.18E-03	2.19E-03	2.18E-03	1.62E-03	9.81E-04	1.58E-03	2.17E-03	1.69E-03	1.70E-03	1.69E-03	1.13E-03	4.94E-04
1644	561100.3	4192099	2.22E-03	2.79E-03	2.19E-03	2.19E-03	2.19E-03	1.62E-03	9.83E-04	1.58E-03	2.17E-03	1.70E-03	1.70E-03	1.70E-03	1.13E-03	4.95E-04
1645	561090.7	4192096	2.21E-03	2.78E-03	2.18E-03	2.19E-03	2.18E-03	1.62E-03	9.81E-04	1.58E-03	2.17E-03	1.69E-03	1.70E-03	1.69E-03	1.13E-03	4.94E-04
1646	561081.2	4192094	2.20E-03	2.76E-03	2.17E-03	2.17E-03	2.17E-03	1.61E-03	9.74E-04	1.57E-03	2.15E-03	1.68E-03	1.68E-03	1.68E-03	1.12E-03	4.90E-04
1647	561291.4	4192153	1.02E-03	1.29E-03	1.01E-03	1.01E-03	1.01E-03	7.50E-04	4.55E-04	7.33E-04	1.00E-03	7.84E-04	7.86E-04	7.84E-04	5.23E-04	2.29E-04
1648	561305.9	4192164	9.69E-04	1.22E-03	9.56E-04	9.59E-04	9.56E-04	7.09E-04	4.30E-04	6.93E-04	9.49E-04	7.41E-04	7.43E-04	7.41E-04	4.94E-04	2.16E-04
1649	561320.5	4192175	9.24E-04	1.16E-03	9.12E-04	9.14E-04	9.12E-04	6.76E-04	4.10E-04	6.61E-04	9.05E-04	7.07E-04	7.09E-04	7.07E-04	4.71E-04	2.06E-04
1650	561335	4192186	8.88E-04	1.12E-03	8.77E-04	8.79E-04	8.77E-04	6.50E-04	3.94E-04	6.35E-04	8.70E-04	6.80E-04	6.82E-04	6.80E-04	4.53E-04	1.98E-04
1651	561343.5	4192200	9.00E-04	1.13E-03	8.89E-04	8.91E-04	8.89E-04	6.59E-04	3.99E-04	6.44E-04	8.82E-04	6.89E-04	6.91E-04	6.89E-04	4.59E-04	2.01E-04
1652	561344.7	4192209	9.28E-04	1.17E-03	9.16E-04	9.19E-04	9.16E-04	6.79E-04	4.12E-04	6.64E-04	9.09E-04	7.10E-04	7.12E-04	7.10E-04	4.74E-04	2.07E-04
1653	561350.9	4192254	1.04E-03	1.30E-03	1.02E-03	1.03E-03	1.02E-03	7.58E-04	4.60E-04	7.41E-04	1.01E-03	7.93E-04	7.95E-04	7.93E-04	5.29E-04	2.31E-04
1654	561352.1	4192263	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.67E-04	4.65E-04	7.49E-04	1.03E-03	8.02E-04	8.04E-04	8.02E-04	5.35E-04	2.34E-04
1655	561354.6	4192281	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.77E-04	4.71E-04	7.60E-04	1.04E-03	8.13E-04	8.15E-04	8.13E-04	5.42E-04	2.37E-04
1656	561296.4	4192146	9.58E-04	1.20E-03	9.45E-04	9.48E-04	9.45E-04	7.01E-04	4.25E-04	6.85E-04	9.38E-04	7.33E-04	7.35E-04	7.33E-04	4.89E-04	2.14E-04
1657	561304.2	4192151	9.29E-04	1.17E-03	9.17E-04	9.19E-04	9.17E-04	6.80E-04	4.12E-04	6.64E-04	9.10E-04	7.11E-04	7.13E-04	7.11E-04	4.74E-04	2.08E-04
1658	561312	4192157	9.03E-04	1.14E-03	8.92E-04	8.94E-04	8.92E-04	6.61E-04	4.01E-04	6.46E-04	8.85E-04	6.91E-04	6.93E-04	6.91E-04	4.61E-04	2.02E-04
1659	561319.7	4192163	8.81E-04	1.11E-03	8.69E-04	8.72E-04	8.69E-04	6.45E-04	3.91E-04	6.30E-04	8.63E-04	6.74E-04	6.76E-04	6.74E-04	4.49E-04	1.97E-04
1660	561327.5	4192169	8.61E-04	1.08E-03	8.50E-04	8.52E-04	8.50E-04	6.30E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.39E-04	1.92E-04
1661	561335.3	4192174	8.44E-04	1.06E-03	8.33E-04	8.35E-04	8.33E-04	6.18E-04	3.74E-04	6.04E-04	8.27E-04	6.46E-04	6.48E-04	6.46E-04	4.31E-04	1.89E-04
1662	561343	4192180	8.29E-04	1.04E-03	8.18E-04	8.20E-04	8.18E-04	6.06E-04	3.68E-04	5.92E-04	8.12E-04	6.34E-04	6.36E-04	6.34E-04	4.23E-04	1.85E-04
1663	561357.4	4192234	9.42E-04	1.18E-03	9.30E-04	9.32E-04	9.30E-04	6.90E-04	4.18E-04	6.74E-04	9.23E-04	7.21E-04	7.23E-04	7.21E-04	4.81E-04	2.10E-04
1664	561358.8	4192244	9.61E-04	1.21E-03	9.48E-04	9.51E-04	9.48E-04	7.03E-04	4.26E-04	6.87E-04	9.41E-04	7.35E-04	7.37E-04	7.35E-04	4.90E-04	2.15E-04
1665	561360.1	4192253	9.76E-04	1.23E-03	9.63E-04	9.65E-04	9.63E-04	7.14E-04	4.33E-04	6.98E-04	9.56E-04	7.47E-04	7.49E-04	7.47E-04	4.98E-04	2.18E-04
1666	561361.4	4192263	9.87E-04	1.24E-03	9.74E-04	9.77E-04	9.74E-04	7.22E-04	4.38E-04	7.06E-04	9.67E-04	7.55E-04	7.57E-04	7.55E-04	5.04E-04	2.20E-04
1667	561362.8	4192272	9.95E-04	1.25E-03	9.82E-04	9.85E-04	9.82E-04	7.28E-04	4.42E-04	7.12E-04	9.75E-04	7.62E-04	7.64E-04	7.62E-04	5.08E-04	2.22E-04
1668	561364.1	4192282	1.00E-03	1.26E-03	9.87E-04	9.90E-04	9.87E-04	7.32E-04	4.44E-04	7.16E-04	9.80E-04	7.66E-04	7.68E-04	7.66E-04	5.11E-04	2.24E-04
1669	561257.5	4192117	1.13E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	8.24E-04	4.99E-04	8.05E-04	1.10E-03	8.61E-04	8.64E-04	8.61E-04	5.74E-04	2.51E-04
1670	561248	4192114	1.19E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.72E-04	5.29E-04	8.52E-04	1.17E-03	9.12E-04	9.14E-04	9.12E-04	6.08E-04	2.66E-04
1671	561238.5	4192112	1.26E-03	1.58E-03	1.24E-03	1.25E-03	1.24E-03	9.21E-04	5.59E-04	9.00E-04	1.23E-03	9.63E-04	9.66E-04	9.63E-04	6.42E-04	2.81E-04
1672	561229	4192110	1.33E-03	1.67E-03	1.31E-03	1.31E-03	1.31E-03	9.71E-04	5.89E-04	9.49E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.77E-04	2.96E-04
1673	561219.4	4192107	1.40E-03													

1698	561371.2	4192266	9.35E-04	1.18E-03	9.23E-04	9.26E-04	9.23E-04	6.84E-04	4.15E-04	6.69E-04	9.16E-04	7.16E-04	7.18E-04	7.16E-04	4.77E-04	2.09E-04
1699	561372.5	4192275	9.42E-04	1.18E-03	9.29E-04	9.32E-04	9.29E-04	6.89E-04	4.18E-04	6.73E-04	9.23E-04	7.21E-04	7.23E-04	7.21E-04	4.80E-04	2.10E-04
1700	561373.8	4192285	9.46E-04	1.19E-03	9.33E-04	9.36E-04	9.33E-04	6.92E-04	4.20E-04	6.76E-04	9.27E-04	7.24E-04	7.26E-04	7.24E-04	4.82E-04	2.11E-04
1701	561259.9	4192107	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.78E-04	4.71E-04	7.60E-04	1.04E-03	8.13E-04	8.15E-04	8.13E-04	5.42E-04	2.37E-04
1702	561250.4	4192105	1.12E-03	1.41E-03	1.11E-03	1.11E-03	1.11E-03	8.22E-04	4.98E-04	8.03E-04	1.10E-03	8.59E-04	8.62E-04	8.59E-04	5.73E-04	2.51E-04
1703	561240.9	4192102	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.67E-04	5.26E-04	8.47E-04	1.16E-03	9.06E-04	9.09E-04	9.06E-04	6.04E-04	2.65E-04
1704	561231.3	4192100	1.25E-03	1.57E-03	1.23E-03	1.23E-03	1.23E-03	9.13E-04	5.53E-04	8.92E-04	1.22E-03	9.54E-04	9.57E-04	9.54E-04	6.36E-04	2.79E-04
1705	561221.8	4192098	1.31E-03	1.65E-03	1.29E-03	1.30E-03	1.29E-03	9.58E-04	5.81E-04	9.36E-04	1.28E-03	1.00E-03	1.00E-03	1.00E-03	6.68E-04	2.92E-04
1706	561212.3	4192095	1.37E-03	1.72E-03	1.35E-03	1.36E-03	1.35E-03	1.00E-03	6.08E-04	9.80E-04	1.34E-03	1.05E-03	1.05E-03	1.05E-03	6.99E-04	3.06E-04
1707	561202.7	4192093	1.43E-03	1.80E-03	1.41E-03	1.42E-03	1.41E-03	1.05E-03	6.35E-04	1.02E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	7.30E-04	3.20E-04
1708	561193.2	4192091	1.49E-03	1.87E-03	1.47E-03	1.47E-03	1.47E-03	1.09E-03	6.61E-04	1.06E-03	1.46E-03	1.14E-03	1.14E-03	1.14E-03	7.60E-04	3.33E-04
1709	561183.7	4192088	1.54E-03	1.94E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.85E-04	1.10E-03	1.51E-03	1.18E-03	1.19E-03	1.18E-03	7.88E-04	3.45E-04
1710	561164.6	4192084	1.64E-03	2.07E-03	1.62E-03	1.63E-03	1.62E-03	1.20E-03	7.30E-04	1.18E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	8.39E-04	3.67E-04
1711	561155.1	4192081	1.69E-03	2.12E-03	1.67E-03	1.67E-03	1.67E-03	1.24E-03	7.49E-04	1.21E-03	1.65E-03	1.29E-03	1.30E-03	1.29E-03	8.61E-04	3.77E-04
1712	561145.6	4192079	1.72E-03	2.17E-03	1.70E-03	1.71E-03	1.70E-03	1.26E-03	7.65E-04	1.23E-03	1.69E-03	1.32E-03	1.32E-03	1.32E-03	8.80E-04	3.85E-04
1713	561136	4192077	1.76E-03	2.21E-03	1.73E-03	1.74E-03	1.73E-03	1.28E-03	7.79E-04	1.26E-03	1.72E-03	1.34E-03	1.35E-03	1.34E-03	8.96E-04	3.92E-04
1714	561126.5	4192074	1.78E-03	2.24E-03	1.76E-03	1.76E-03	1.76E-03	1.30E-03	7.90E-04	1.27E-03	1.74E-03	1.36E-03	1.37E-03	1.36E-03	9.08E-04	3.98E-04
1715	561117	4192072	1.80E-03	2.26E-03	1.77E-03	1.78E-03	1.77E-03	1.31E-03	7.97E-04	1.28E-03	1.76E-03	1.37E-03	1.38E-03	1.37E-03	9.17E-04	4.01E-04
1716	561107.4	4192070	1.81E-03	2.27E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.01E-04	1.29E-03	1.77E-03	1.38E-03	1.39E-03	1.38E-03	9.21E-04	4.03E-04
1717	561097.9	4192067	1.81E-03	2.27E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.02E-04	1.29E-03	1.77E-03	1.38E-03	1.39E-03	1.38E-03	9.23E-04	4.04E-04
1718	561088.4	4192065	1.80E-03	2.27E-03	1.78E-03	1.79E-03	1.78E-03	1.32E-03	8.00E-04	1.29E-03	1.77E-03	1.38E-03	1.38E-03	1.38E-03	9.21E-04	4.03E-04
1719	561292.5	4192120	8.91E-04	1.12E-03	8.79E-04	8.81E-04	8.79E-04	6.52E-04	3.95E-04	6.37E-04	8.73E-04	6.82E-04	6.84E-04	6.82E-04	4.54E-04	1.99E-04
1720	561300.1	4192125	8.64E-04	1.09E-03	8.53E-04	8.55E-04	8.53E-04	6.32E-04	3.83E-04	6.18E-04	8.46E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
1721	561307.6	4192131	8.39E-04	1.05E-03	8.28E-04	8.30E-04	8.28E-04	6.14E-04	3.72E-04	6.00E-04	8.22E-04	6.42E-04	6.44E-04	6.42E-04	4.28E-04	1.87E-04
1722	561345.4	4192159	7.48E-04	9.41E-04	7.38E-04	7.40E-04	7.38E-04	5.47E-04	3.32E-04	5.35E-04	7.33E-04	5.72E-04	5.74E-04	5.72E-04	3.82E-04	1.67E-04
1723	561352.9	4192165	7.36E-04	9.26E-04	7.26E-04	7.28E-04	7.26E-04	5.39E-04	3.27E-04	5.26E-04	7.21E-04	5.63E-04	5.65E-04	5.63E-04	3.76E-04	1.64E-04
1724	561369.3	4192185	7.39E-04	9.29E-04	7.29E-04	7.31E-04	7.29E-04	5.41E-04	3.28E-04	5.28E-04	7.24E-04	5.65E-04	5.67E-04	5.65E-04	3.77E-04	1.65E-04
1725	561370.6	4192194	7.62E-04	9.58E-04	7.52E-04	7.54E-04	7.52E-04	5.58E-04	3.38E-04	5.45E-04	7.46E-04	5.83E-04	5.85E-04	5.83E-04	3.89E-04	1.70E-04
1726	561371.9	4192204	7.84E-04	9.86E-04	7.74E-04	7.76E-04	7.74E-04	5.74E-04	3.48E-04	5.61E-04	7.69E-04	6.00E-04	6.02E-04	6.00E-04	4.00E-04	1.75E-04
1727	561373.2	4192213	8.06E-04	1.01E-03	7.95E-04	7.98E-04	7.95E-04	5.90E-04	3.58E-04	5.76E-04	7.90E-04	6.17E-04	6.18E-04	6.17E-04	4.11E-04	1.80E-04
1728	561374.5	4192222	8.26E-04	1.04E-03	8.15E-04	8.17E-04	8.15E-04	6.04E-04	3.66E-04	5.91E-04	8.09E-04	6.32E-04	6.34E-04	6.32E-04	4.21E-04	1.84E-04
1729	561375.8	4192232	8.43E-04	1.06E-03	8.32E-04	8.35E-04	8.32E-04	6.17E-04	3.74E-04	6.03E-04	8.27E-04	6.46E-04	6.47E-04	6.46E-04	4.30E-04	1.88E-04
1730	561377	4192241	8.59E-04	1.08E-03	8.47E-04	8.50E-04	8.47E-04	6.28E-04	3.81E-04	6.14E-04	8.41E-04	6.57E-04	6.59E-04	6.57E-04	4.38E-04	1.92E-04
1731	561378.3	4192250	8.71E-04	1.10E-03	8.60E-04	8.62E-04	8.60E-04	6.37E-04	3.86E-04	6.23E-04	8.53E-04	6.67E-04	6.68E-04	6.67E-04	4.44E-04	1.95E-04
1732	561379.6	4192260	8.81E-04	1.11E-03	8.69E-04	8.72E-04	8.69E-04	6.45E-04	3.91E-04	6.30E-04	8.63E-04	6.74E-04	6.76E-04	6.74E-04	4.49E-04	1.97E-04
1733	561380.9	4192269	8.88E-04	1.12E-03	8.76E-04	8.79E-04	8.76E-04	6.50E-04	3.94E-04	6.35E-04	8.70E-04	6.79E-04	6.81E-04	6.79E-04	4.53E-04	1.98E-04
1734	561382.2	4192278	8.93E-04	1.12E-03	8.81E-04	8.83E-04	8.81E-04	6.53E-04	3.96E-04	6.38E-04	8.75E-04	6.83E-04	6.85E-04	6.83E-04	4.55E-04	1.99E-04
1735	561383.5	4192288	8.96E-04	1.13E-03	8.84E-04	8.86E-04	8.84E-04	6.55E-04	3.97E-04	6.40E-04	8.77E-04	6.85E-04	6.87E-04	6.85E-04	4.57E-04	2.00E-04
1736	561262.3	4192097	1.01E-03	1.26E-03	9.93E-04	9.95E-04	9.93E-04	7.36E-04	4.46E-04	7.19E-04	9.86E-04	7.70E-04	7.72E-04	7.70E-04	5.13E-04	2.25E-04
1737	561252.8	4192095	1.06E-03	1.33E-03	1.05E-03	1.05E-03	1.05E-03	7.77E-04	4.71E-04	7.59E-04	1.04E-03	8.12E-04	8.14E-04	8.12E-04	5.41E-04	2.37E-04
1738	561243.3	4192093	1.12E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	8.18E-04	4.96E-04	7.99E-04	1.10E-03	8.55E-04	8.58E-04	8.55E-04	5.70E-04	2.50E-04
1739	561233.7	4192090	1.18E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	8.60E-04	5.21E-04	8.40E-04	1.15E-03	8.99E-04	9.02E-04	8.99E-04	6.00E-04	2.62E-04
1740	561224.2	4192088	1.23E-03	1.55E-03	1.22E-03	1.22E-03	1.22E-03	9.02E-04	5.47E-04	8.81E-04	1.21E-03	9.43E-04	9.46E-04	9.43E-04	6.29E-04	2.75E-04
1741	561214.7	4192086	1.29E-03	1.62E-03	1.27E-03	1.28E-03	1.27E-03	9.43E-04	5.72E-04	9.22E-04	1.26E-03	9.86E-04	9.89E-04	9.86E-04	6.58E-04	2.88E-04
1742	561205.1	4192083	1.34E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.84E-04	5.96E-04	9.61E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.68E-04	3.00E-04
1743	561195.6	4192081	1.40E-03	1.76E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.20E-04	1.00E-03	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.13E-04	3.12E-04
1744	561186.1	4192079	1.45E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.43E-04	1.04E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.39E-04	3.24E-04
1745	561167	4192074	1.54E-03	1.94E-03	1.52E-03	1.53E-03	1.52E-03	1.13E-03	6.84E-04	1.10E-03	1.51E-03	1.18E-03	1.18E-03	1.18E-03	7.87E-04	3.44E-04
1746	561157.5	4192072	1.58E-03	1.99E-03	1.56E-03	1.57E-03	1.56E-03	1.16E-03	7.02E-04	1.13E-03	1.55E-03	1.21E-03	1.21E-03	1.21E-03	8.07E-04	3.53E-04
1747	561147.9	4192069	1.62E-03	2.03E-03	1.60E-03	1.60E-03	1.60E-03	1.18E-03	7.17E-04	1.16E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	8.25E-04	3.61E-04
1748	561138.4	4192067	1.65E-03	2.07E-03	1.62E-03	1.63E-03	1.62E-03	1.20E-03	7.30E-04	1.18E-03	1.61E-03	1.26E-03	1.26E-03	1.26E-03	8.40E-04	3.68E-04
1749	561128.9	4192065	1.67E-03	2.10E-03	1.65E-03	1.65E-03	1.65E-03	1.22E-03	7.40E-04	1.19E-03	1.63E-03	1.28E-03	1.28E-03	1.28E-03	8.51E-04	3.73E-04
1750	561119.3	4192062	1.69E-03	2.12E-03	1.66E-03	1.67E-03	1.66E-03	1.23E-03	7.48E-04	1.21E-03	1.65E-03	1.29E-03	1.29E-03	1.29E-03	8.60E-04	3.76E-04
1751	561109.8	4192060	1.70E-03	2.13E-03	1.67E-03	1.68E-03	1.67E-03	1.24E-03	7.52E-04	1.21E-03	1.66E-03	1.30E-03	1.30E-03	1.30E-03	8.65E-04	3.79E-04
1752	561100.3	4192058	1.70E-03	2.14E-03	1.68E-03	1.68E-03	1.68E-03	1.24E-03	7.54E-04	1.22E-03	1.67E-03	1.30E-03	1.30E-03	1.30E-03	8.67E-04	3.80E-04
1753	561090.7	4192055	1.70E-03	2.13E-03	1.68E-03	1.68E-03	1.68E-03	1.24E-03	7.53E-04	1.21E-03	1.66E-03	1.30E-03	1.30E-03	1.30E-03	8.66E-04	3.79E-04
1754	561294.5	4192110	8.48E-04													

1779	561207.5	4192074	1.27E-03	1.59E-03	1.25E-03	1.25E-03	1.25E-03	9.27E-04	5.62E-04	9.06E-04	1.24E-03	9.69E-04	9.72E-04	9.69E-04	6.46E-04	2.83E-04
1780	561198	4192071	1.32E-03	1.65E-03	1.30E-03	1.30E-03	1.30E-03	9.63E-04	5.84E-04	9.41E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.71E-04	2.94E-04
1781	561188.4	4192069	1.36E-03	1.71E-03	1.35E-03	1.35E-03	1.35E-03	9.98E-04	6.05E-04	9.75E-04	1.34E-03	1.04E-03	1.05E-03	1.04E-03	6.95E-04	3.04E-04
1782	561169.4	4192064	1.45E-03	1.82E-03	1.43E-03	1.43E-03	1.43E-03	1.06E-03	6.43E-04	1.04E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	7.39E-04	3.24E-04
1783	561159.9	4192062	1.49E-03	1.87E-03	1.47E-03	1.47E-03	1.47E-03	1.09E-03	6.59E-04	1.06E-03	1.46E-03	1.14E-03	1.14E-03	1.14E-03	7.58E-04	3.32E-04
1784	561150.3	4192060	1.52E-03	1.91E-03	1.50E-03	1.50E-03	1.50E-03	1.11E-03	6.74E-04	1.09E-03	1.49E-03	1.16E-03	1.17E-03	1.16E-03	7.75E-04	3.39E-04
1785	561140.8	4192057	1.55E-03	1.94E-03	1.53E-03	1.53E-03	1.53E-03	1.13E-03	6.86E-04	1.11E-03	1.51E-03	1.18E-03	1.19E-03	1.18E-03	7.89E-04	3.45E-04
1786	561131.3	4192055	1.57E-03	1.97E-03	1.55E-03	1.55E-03	1.55E-03	1.15E-03	6.95E-04	1.12E-03	1.54E-03	1.20E-03	1.20E-03	1.20E-03	8.00E-04	3.50E-04
1787	561121.7	4192053	1.58E-03	1.99E-03	1.56E-03	1.57E-03	1.56E-03	1.16E-03	7.03E-04	1.13E-03	1.55E-03	1.21E-03	1.22E-03	1.21E-03	8.08E-04	3.54E-04
1788	561112.2	4192050	1.59E-03	2.01E-03	1.57E-03	1.58E-03	1.57E-03	1.17E-03	7.07E-04	1.14E-03	1.56E-03	1.22E-03	1.22E-03	1.22E-03	8.14E-04	3.56E-04
1789	561102.7	4192048	1.60E-03	2.01E-03	1.58E-03	1.58E-03	1.58E-03	1.17E-03	7.10E-04	1.14E-03	1.57E-03	1.22E-03	1.23E-03	1.22E-03	8.16E-04	3.57E-04
1790	561093.1	4192046	1.60E-03	2.01E-03	1.58E-03	1.58E-03	1.58E-03	1.17E-03	7.10E-04	1.14E-03	1.57E-03	1.22E-03	1.23E-03	1.22E-03	8.17E-04	3.58E-04
1791	561298.6	4192101	8.02E-04	1.01E-03	7.92E-04	7.94E-04	7.92E-04	5.87E-04	3.56E-04	5.74E-04	7.86E-04	6.14E-04	6.16E-04	6.14E-04	4.09E-04	1.79E-04
1792	561306.5	4192107	7.77E-04	9.78E-04	7.67E-04	7.69E-04	7.67E-04	5.69E-04	3.45E-04	5.56E-04	7.62E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
1793	561314.3	4192113	7.54E-04	9.49E-04	7.44E-04	7.47E-04	7.44E-04	5.52E-04	3.35E-04	5.39E-04	7.39E-04	5.77E-04	5.79E-04	5.77E-04	3.85E-04	1.69E-04
1794	561322.2	4192119	7.33E-04	9.22E-04	7.24E-04	7.26E-04	7.24E-04	5.37E-04	3.25E-04	5.24E-04	7.18E-04	5.61E-04	5.63E-04	5.61E-04	3.74E-04	1.64E-04
1795	561330.1	4192125	7.14E-04	8.98E-04	7.05E-04	7.07E-04	7.05E-04	5.23E-04	3.17E-04	5.11E-04	7.00E-04	5.47E-04	5.48E-04	5.47E-04	3.64E-04	1.60E-04
1796	561338	4192131	6.97E-04	8.77E-04	6.88E-04	6.90E-04	6.88E-04	5.10E-04	3.09E-04	4.99E-04	6.83E-04	5.34E-04	5.35E-04	5.34E-04	3.56E-04	1.56E-04
1797	561345.8	4192136	6.83E-04	8.59E-04	6.74E-04	6.76E-04	6.74E-04	5.00E-04	3.03E-04	4.88E-04	6.69E-04	5.23E-04	5.24E-04	5.23E-04	3.48E-04	1.53E-04
1798	561353.7	4192142	6.70E-04	8.43E-04	6.61E-04	6.63E-04	6.61E-04	4.91E-04	2.97E-04	4.79E-04	6.57E-04	5.13E-04	5.14E-04	5.13E-04	3.42E-04	1.50E-04
1799	561386.6	4192175	6.56E-04	8.25E-04	6.47E-04	6.49E-04	6.47E-04	4.80E-04	2.91E-04	4.69E-04	6.43E-04	5.02E-04	5.03E-04	5.02E-04	3.35E-04	1.46E-04
1800	561387.9	4192185	6.77E-04	8.51E-04	6.68E-04	6.70E-04	6.68E-04	4.95E-04	3.00E-04	4.84E-04	6.63E-04	5.18E-04	5.19E-04	5.18E-04	3.45E-04	1.51E-04
1801	561389.3	4192195	6.98E-04	8.77E-04	6.89E-04	6.90E-04	6.89E-04	5.11E-04	3.10E-04	4.99E-04	6.84E-04	5.34E-04	5.35E-04	5.34E-04	3.56E-04	1.56E-04
1802	561390.6	4192204	7.18E-04	9.02E-04	7.08E-04	7.10E-04	7.08E-04	5.25E-04	3.18E-04	5.13E-04	7.03E-04	5.49E-04	5.51E-04	5.49E-04	3.66E-04	1.60E-04
1803	561391.9	4192214	7.36E-04	9.26E-04	7.27E-04	7.29E-04	7.27E-04	5.39E-04	3.27E-04	5.27E-04	7.22E-04	5.64E-04	5.65E-04	5.64E-04	3.76E-04	1.64E-04
1804	561393.3	4192224	7.53E-04	9.47E-04	7.43E-04	7.45E-04	7.43E-04	5.51E-04	3.34E-04	5.39E-04	7.38E-04	5.76E-04	5.78E-04	5.76E-04	3.84E-04	1.68E-04
1805	561394.6	4192234	7.68E-04	9.66E-04	7.58E-04	7.60E-04	7.58E-04	5.62E-04	3.41E-04	5.49E-04	7.52E-04	5.88E-04	5.89E-04	5.88E-04	3.92E-04	1.72E-04
1806	561396	4192243	7.80E-04	9.81E-04	7.70E-04	7.72E-04	7.70E-04	5.71E-04	3.46E-04	5.58E-04	7.65E-04	5.97E-04	5.99E-04	5.97E-04	3.98E-04	1.74E-04
1807	561397.3	4192253	7.90E-04	9.93E-04	7.80E-04	7.82E-04	7.80E-04	5.78E-04	3.51E-04	5.65E-04	7.74E-04	6.05E-04	6.06E-04	6.05E-04	4.03E-04	1.76E-04
1808	561398.7	4192263	7.97E-04	1.00E-03	7.87E-04	7.89E-04	7.87E-04	5.84E-04	3.54E-04	5.70E-04	7.81E-04	6.10E-04	6.12E-04	6.10E-04	4.07E-04	1.78E-04
1809	561400	4192272	8.03E-04	1.01E-03	7.92E-04	7.94E-04	7.92E-04	5.87E-04	3.56E-04	5.74E-04	7.86E-04	6.14E-04	6.16E-04	6.14E-04	4.10E-04	1.79E-04
1810	561401.4	4192282	8.06E-04	1.01E-03	7.95E-04	7.97E-04	7.95E-04	5.90E-04	3.58E-04	5.76E-04	7.90E-04	6.17E-04	6.18E-04	6.17E-04	4.11E-04	1.80E-04
1811	561402.7	4192292	8.07E-04	1.02E-03	7.97E-04	7.99E-04	7.97E-04	5.91E-04	3.58E-04	5.77E-04	7.91E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.80E-04
1812	561267.1	4192078	9.07E-04	1.14E-03	8.96E-04	8.98E-04	8.96E-04	6.64E-04	4.03E-04	6.49E-04	8.89E-04	6.94E-04	6.96E-04	6.94E-04	4.63E-04	2.03E-04
1813	561257.6	4192076	9.55E-04	1.20E-03	9.42E-04	9.45E-04	9.42E-04	6.99E-04	4.24E-04	6.83E-04	9.36E-04	7.31E-04	7.33E-04	7.31E-04	4.87E-04	2.13E-04
1814	561248	4192073	1.00E-03	1.26E-03	9.90E-04	9.93E-04	9.90E-04	7.34E-04	4.45E-04	7.17E-04	9.83E-04	7.68E-04	7.70E-04	7.68E-04	5.12E-04	2.24E-04
1815	561238.5	4192071	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.52E-04	1.03E-03	8.05E-04	8.07E-04	8.05E-04	5.37E-04	2.35E-04
1816	561229	4192069	1.10E-03	1.38E-03	1.09E-03	1.09E-03	1.09E-03	8.05E-04	4.88E-04	7.87E-04	1.08E-03	8.42E-04	8.45E-04	8.42E-04	5.62E-04	2.46E-04
1817	561219.4	4192066	1.15E-03	1.44E-03	1.13E-03	1.14E-03	1.13E-03	8.41E-04	5.10E-04	8.21E-04	1.13E-03	8.79E-04	8.81E-04	8.79E-04	5.86E-04	2.57E-04
1818	561209.9	4192064	1.20E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.75E-04	5.31E-04	8.55E-04	1.17E-03	9.15E-04	9.18E-04	9.15E-04	6.10E-04	2.67E-04
1819	561200.4	4192062	1.24E-03	1.56E-03	1.23E-03	1.23E-03	1.23E-03	9.09E-04	5.51E-04	8.88E-04	1.22E-03	9.50E-04	9.53E-04	9.50E-04	6.33E-04	2.77E-04
1820	561190.8	4192059	1.29E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.41E-04	5.70E-04	9.19E-04	1.26E-03	9.83E-04	9.86E-04	9.83E-04	6.56E-04	2.87E-04
1821	561171.8	4192055	1.36E-03	1.72E-03	1.35E-03	1.35E-03	1.35E-03	9.99E-04	6.05E-04	9.76E-04	1.34E-03	1.04E-03	1.05E-03	1.04E-03	6.96E-04	3.05E-04
1822	561162.2	4192052	1.40E-03	1.76E-03	1.38E-03	1.38E-03	1.38E-03	1.02E-03	6.21E-04	1.00E-03	1.37E-03	1.07E-03	1.07E-03	1.07E-03	7.14E-04	3.13E-04
1823	561152.7	4192050	1.43E-03	1.80E-03	1.41E-03	1.41E-03	1.41E-03	1.05E-03	6.34E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.29E-04	3.19E-04
1824	561143.2	4192048	1.45E-03	1.83E-03	1.44E-03	1.44E-03	1.44E-03	1.06E-03	6.45E-04	1.04E-03	1.43E-03	1.11E-03	1.12E-03	1.11E-03	7.42E-04	3.25E-04
1825	561133.6	4192045	1.48E-03	1.86E-03	1.46E-03	1.46E-03	1.46E-03	1.08E-03	6.55E-04	1.06E-03	1.45E-03	1.13E-03	1.13E-03	1.13E-03	7.53E-04	3.30E-04
1826	561124.1	4192043	1.49E-03	1.88E-03	1.47E-03	1.48E-03	1.47E-03	1.09E-03	6.62E-04	1.07E-03	1.46E-03	1.14E-03	1.14E-03	1.14E-03	7.61E-04	3.33E-04
1827	561114.6	4192040	1.50E-03	1.89E-03	1.48E-03	1.49E-03	1.48E-03	1.10E-03	6.67E-04	1.07E-03	1.47E-03	1.15E-03	1.15E-03	1.15E-03	7.67E-04	3.36E-04
1828	561105	4192038	1.51E-03	1.90E-03	1.49E-03	1.49E-03	1.49E-03	1.10E-03	6.70E-04	1.08E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	7.70E-04	3.37E-04
1829	561095.5	4192036	1.51E-03	1.90E-03	1.49E-03	1.50E-03	1.49E-03	1.11E-03	6.71E-04	1.08E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	7.71E-04	3.38E-04
1830	561300.6	4192091	7.67E-04	9.64E-04	7.57E-04	7.59E-04	7.57E-04	5.61E-04	3.40E-04	5.48E-04	7.51E-04	5.87E-04	5.88E-04	5.87E-04	3.91E-04	1.71E-04
1831	561308.3	4192097	7.44E-04	9.35E-04	7.34E-04	7.36E-04	7.34E-04	5.44E-04	3.30E-04	5.32E-04	7.29E-04	5.69E-04	5.71E-04	5.69E-04	3.79E-04	1.66E-04
1832	561316.1	4192103	7.22E-04	9.08E-04	7.12E-04	7.14E-04	7.12E-04	5.28E-04	3.20E-04	5.16E-04	7.07E-04	5.52E-04	5.54E-04	5.52E-04	3.68E-04	1.61E-04
1833	561323.9	4192109	7.02E-04	8.82E-04	6.92E-04	6.94E-04	6.92E-04	5.13E-04	3.11E-04	5.02E-04	6.87E-04	5.37E-04	5.38E-04	5.37E-04	3.58E-04	1.57E-04
1834	561331.6	4192114	6.83E-04	8.59E-04	6.74E-04	6.76E-04	6.74E-04	5.00E-04	3.03E-04	4.89E-04	6.69E-04	5.23E-04	5.24E-04	5.23E-04	3.49E-04	1.53E-04
1835	561339.4	4192120	6.67E-04	8												

1860	561193.2	4192050	1.21E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.89E-04	5.39E-04	8.68E-04	1.19E-03	9.29E-04	9.32E-04	9.29E-04	6.20E-04	2.71E-04
1861	561174.2	4192045	1.29E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.43E-04	5.71E-04	9.21E-04	1.26E-03	9.86E-04	9.88E-04	9.86E-04	6.57E-04	2.88E-04
1862	561164.6	4192042	1.32E-03	1.66E-03	1.30E-03	1.31E-03	1.30E-03	9.66E-04	5.86E-04	9.44E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.74E-04	2.95E-04
1863	561155.1	4192040	1.35E-03	1.70E-03	1.33E-03	1.33E-03	1.33E-03	9.87E-04	5.98E-04	9.64E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.88E-04	3.01E-04
1864	561145.6	4192038	1.37E-03	1.73E-03	1.35E-03	1.36E-03	1.35E-03	1.00E-03	6.09E-04	9.81E-04	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.00E-04	3.06E-04
1865	561136	4192035	1.39E-03	1.75E-03	1.37E-03	1.38E-03	1.37E-03	1.02E-03	6.18E-04	9.95E-04	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.10E-04	3.11E-04
1866	561126.5	4192033	1.41E-03	1.77E-03	1.39E-03	1.39E-03	1.39E-03	1.03E-03	6.25E-04	1.01E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	7.18E-04	3.15E-04
1867	561117	4192031	1.42E-03	1.78E-03	1.40E-03	1.40E-03	1.40E-03	1.04E-03	6.30E-04	1.02E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	7.24E-04	3.17E-04
1868	561107.4	4192028	1.43E-03	1.79E-03	1.41E-03	1.41E-03	1.41E-03	1.04E-03	6.33E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.28E-04	3.19E-04
1869	561097.9	4192026	1.43E-03	1.80E-03	1.41E-03	1.42E-03	1.41E-03	1.05E-03	6.35E-04	1.02E-03	1.40E-03	1.09E-03	1.10E-03	1.09E-03	7.30E-04	3.20E-04
1870	561302.6	4192081	7.34E-04	9.23E-04	7.25E-04	7.27E-04	7.25E-04	5.37E-04	3.26E-04	5.25E-04	7.19E-04	5.62E-04	5.63E-04	5.62E-04	3.75E-04	1.64E-04
1871	561310.3	4192087	7.12E-04	8.96E-04	7.03E-04	7.05E-04	7.03E-04	5.21E-04	3.16E-04	5.09E-04	6.98E-04	5.45E-04	5.47E-04	5.45E-04	3.63E-04	1.59E-04
1872	561317.9	4192093	6.92E-04	8.70E-04	6.83E-04	6.84E-04	6.83E-04	5.06E-04	3.07E-04	4.95E-04	6.78E-04	5.29E-04	5.31E-04	5.29E-04	3.53E-04	1.55E-04
1873	561325.6	4192098	6.72E-04	8.45E-04	6.64E-04	6.65E-04	6.64E-04	4.92E-04	2.98E-04	4.81E-04	6.59E-04	5.15E-04	5.16E-04	5.15E-04	3.43E-04	1.50E-04
1874	561333.3	4192104	6.55E-04	8.23E-04	6.46E-04	6.48E-04	6.46E-04	4.79E-04	2.90E-04	4.68E-04	6.41E-04	5.01E-04	5.02E-04	5.01E-04	3.34E-04	1.46E-04
1875	561341	4192110	6.39E-04	8.03E-04	6.30E-04	6.32E-04	6.30E-04	4.68E-04	2.83E-04	4.57E-04	6.26E-04	4.89E-04	4.90E-04	4.89E-04	3.26E-04	1.43E-04
1876	561348.7	4192116	6.25E-04	7.86E-04	6.17E-04	6.18E-04	6.17E-04	4.57E-04	2.77E-04	4.47E-04	6.12E-04	4.78E-04	4.79E-04	4.78E-04	3.19E-04	1.40E-04
1877	561356.3	4192121	6.12E-04	7.70E-04	6.04E-04	6.06E-04	6.04E-04	4.48E-04	2.72E-04	4.38E-04	6.00E-04	4.69E-04	4.70E-04	4.69E-04	3.12E-04	1.37E-04
1878	561364	4192127	6.02E-04	7.57E-04	5.94E-04	5.96E-04	5.94E-04	4.41E-04	2.67E-04	4.30E-04	5.90E-04	4.61E-04	4.62E-04	4.61E-04	3.07E-04	1.34E-04
1879	561387.1	4192144	5.79E-04	7.28E-04	5.71E-04	5.73E-04	5.71E-04	4.24E-04	2.57E-04	4.14E-04	5.67E-04	4.43E-04	4.44E-04	4.43E-04	2.95E-04	1.29E-04
1880	561394.8	4192150	5.73E-04	7.20E-04	5.65E-04	5.67E-04	5.65E-04	4.19E-04	2.54E-04	4.10E-04	5.61E-04	4.38E-04	4.40E-04	4.38E-04	2.92E-04	1.28E-04
1881	561406.4	4192184	6.22E-04	7.82E-04	6.13E-04	6.15E-04	6.13E-04	4.55E-04	2.76E-04	4.44E-04	6.09E-04	4.76E-04	4.77E-04	4.76E-04	3.17E-04	1.39E-04
1882	561407.7	4192193	6.39E-04	8.04E-04	6.31E-04	6.33E-04	6.31E-04	4.68E-04	2.84E-04	4.57E-04	6.26E-04	4.89E-04	4.90E-04	4.89E-04	3.26E-04	1.43E-04
1883	561409	4192203	6.56E-04	8.25E-04	6.47E-04	6.49E-04	6.47E-04	4.80E-04	2.91E-04	4.69E-04	6.43E-04	5.02E-04	5.03E-04	5.02E-04	3.35E-04	1.47E-04
1884	561414.2	4192241	7.08E-04	8.91E-04	6.99E-04	7.01E-04	6.99E-04	5.18E-04	3.14E-04	5.07E-04	6.94E-04	5.42E-04	5.44E-04	5.42E-04	3.61E-04	1.58E-04
1885	561415.5	4192250	7.17E-04	9.01E-04	7.07E-04	7.09E-04	7.07E-04	5.25E-04	3.18E-04	5.13E-04	7.02E-04	5.49E-04	5.50E-04	5.49E-04	3.66E-04	1.60E-04
1886	561416.9	4192260	7.23E-04	9.10E-04	7.14E-04	7.16E-04	7.14E-04	5.29E-04	3.21E-04	5.17E-04	7.09E-04	5.53E-04	5.55E-04	5.53E-04	3.69E-04	1.62E-04
1887	561418.2	4192269	7.28E-04	9.15E-04	7.18E-04	7.20E-04	7.18E-04	5.33E-04	3.23E-04	5.21E-04	7.13E-04	5.57E-04	5.59E-04	5.57E-04	3.71E-04	1.63E-04
1888	561419.5	4192279	7.31E-04	9.19E-04	7.21E-04	7.23E-04	7.21E-04	5.35E-04	3.24E-04	5.23E-04	7.16E-04	5.59E-04	5.61E-04	5.59E-04	3.73E-04	1.63E-04
1889	561420.8	4192288	7.33E-04	9.22E-04	7.23E-04	7.25E-04	7.23E-04	5.36E-04	3.25E-04	5.24E-04	7.18E-04	5.61E-04	5.62E-04	5.61E-04	3.74E-04	1.64E-04
1890	561217.9	4192059	8.25E-04	1.04E-03	8.14E-04	8.17E-04	8.14E-04	6.04E-04	3.66E-04	5.90E-04	8.09E-04	6.32E-04	6.33E-04	6.32E-04	4.21E-04	1.84E-04
1891	561262.3	4192056	8.66E-04	1.09E-03	8.55E-04	8.57E-04	8.55E-04	6.34E-04	3.84E-04	6.19E-04	8.49E-04	6.63E-04	6.65E-04	6.63E-04	4.42E-04	1.94E-04
1892	561252.8	4192054	9.08E-04	1.14E-03	8.96E-04	8.98E-04	8.96E-04	6.64E-04	4.03E-04	6.49E-04	8.90E-04	6.95E-04	6.97E-04	6.95E-04	4.63E-04	2.03E-04
1893	561243.3	4192051	9.50E-04	1.19E-03	9.37E-04	9.40E-04	9.37E-04	6.95E-04	4.21E-04	6.79E-04	9.31E-04	7.27E-04	7.29E-04	7.27E-04	4.85E-04	2.12E-04
1894	561233.7	4192049	9.92E-04	1.25E-03	9.79E-04	9.81E-04	9.79E-04	7.26E-04	4.40E-04	7.09E-04	9.72E-04	7.59E-04	7.61E-04	7.59E-04	5.06E-04	2.21E-04
1895	561224.2	4192047	1.03E-03	1.30E-03	1.02E-03	1.02E-03	1.02E-03	7.56E-04	4.58E-04	7.39E-04	1.01E-03	7.90E-04	7.93E-04	7.90E-04	5.27E-04	2.31E-04
1896	561214.7	4192044	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.86E-04	4.76E-04	7.68E-04	1.05E-03	8.21E-04	8.24E-04	8.21E-04	5.48E-04	2.40E-04
1897	561205.1	4192042	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.14E-04	4.94E-04	7.96E-04	1.09E-03	8.51E-04	8.54E-04	8.51E-04	5.68E-04	2.48E-04
1898	561195.6	4192040	1.15E-03	1.45E-03	1.13E-03	1.14E-03	1.13E-03	8.42E-04	5.10E-04	8.22E-04	1.13E-03	8.80E-04	8.82E-04	8.80E-04	5.87E-04	2.57E-04
1899	561176.5	4192035	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.92E-04	5.41E-04	8.71E-04	1.19E-03	9.32E-04	9.35E-04	9.32E-04	6.22E-04	2.72E-04
1900	561167	4192033	1.25E-03	1.57E-03	1.23E-03	1.24E-03	1.23E-03	9.14E-04	5.54E-04	8.93E-04	1.22E-03	9.55E-04	9.58E-04	9.55E-04	6.37E-04	2.79E-04
1901	561157.5	4192030	1.27E-03	1.60E-03	1.26E-03	1.26E-03	1.26E-03	9.33E-04	5.65E-04	9.11E-04	1.25E-03	9.75E-04	9.78E-04	9.75E-04	6.50E-04	2.85E-04
1902	561147.9	4192028	1.30E-03	1.63E-03	1.28E-03	1.28E-03	1.28E-03	9.49E-04	5.75E-04	9.28E-04	1.27E-03	9.93E-04	9.95E-04	9.93E-04	6.62E-04	2.90E-04
1903	561138.4	4192026	1.32E-03	1.66E-03	1.30E-03	1.30E-03	1.30E-03	9.63E-04	5.84E-04	9.41E-04	1.29E-03	1.01E-03	1.01E-03	1.01E-03	6.72E-04	2.94E-04
1904	561128.9	4192023	1.33E-03	1.67E-03	1.31E-03	1.32E-03	1.31E-03	9.75E-04	5.91E-04	9.52E-04	1.30E-03	1.02E-03	1.02E-03	1.02E-03	6.80E-04	2.98E-04
1905	561119.3	4192021	1.34E-03	1.69E-03	1.33E-03	1.33E-03	1.33E-03	9.83E-04	5.96E-04	9.61E-04	1.32E-03	1.03E-03	1.03E-03	1.03E-03	6.85E-04	3.00E-04
1906	561109.8	4192019	1.35E-03	1.70E-03	1.33E-03	1.34E-03	1.33E-03	9.89E-04	5.99E-04	9.66E-04	1.32E-03	1.03E-03	1.04E-03	1.03E-03	6.89E-04	3.02E-04
1907	561100.3	4192016	1.36E-03	1.70E-03	1.34E-03	1.34E-03	1.34E-03	9.92E-04	6.01E-04	9.69E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.92E-04	3.03E-04
1908	561304.6	4192071	7.04E-04	8.85E-04	6.95E-04	6.97E-04	6.95E-04	5.15E-04	3.12E-04	5.03E-04	6.90E-04	5.39E-04	5.40E-04	5.39E-04	3.59E-04	1.57E-04
1909	561312.2	4192077	6.83E-04	8.59E-04	6.74E-04	6.76E-04	6.74E-04	5.00E-04	3.03E-04	4.89E-04	6.70E-04	5.23E-04	5.24E-04	5.23E-04	3.49E-04	1.53E-04
1910	561319.8	4192083	6.64E-04	8.35E-04	6.55E-04	6.57E-04	6.55E-04	4.86E-04	2.95E-04	4.75E-04	6.50E-04	5.08E-04	5.09E-04	5.08E-04	3.39E-04	1.48E-04
1911	561327.4	4192088	6.45E-04	8.12E-04	6.37E-04	6.39E-04	6.37E-04	4.72E-04	2.86E-04	4.62E-04	6.32E-04	4.94E-04	4.95E-04	4.94E-04	3.29E-04	1.44E-04
1912	561335	4192094	6.28E-04	7.90E-04	6.20E-04	6.22E-04	6.20E-04	4.60E-04	2.79E-04	4.49E-04	6.16E-04	4.81E-04	4.82E-04	4.81E-04	3.21E-04	1.40E-04
1913	561342.6	4192100	6.13E-04	7.71E-04	6.05E-04	6.06E-04	6.05E-04	4.49E-04	2.72E-04	4.38E-04	6.01E-04	4.69E-04	4.70E-04	4.69E-04	3.13E-04	1.37E-04
1914	561350.2	4192105	5.99E-04	7.53E-04	5.91E-04	5.93E-04	5.91E-04	4.38E-04	2.66E-04	4.28E-04	5.87E-04	4.58E-04	4.60E-04	4.58E-04	3.06E-04	1.34E-04
1915	561357.8	4192111	5.87E-04	7.38E-04	5.79E-04	5.81E-04	5.79E-04	4.29E-04	2.60E-04	4.20E-04	5.75E-04	4.49E-04	4.50E-04	4.49E-04	2.99E-04	1.31E-04
1916	561365.4	4192116	5.76E-04	7												

1941	561121.7	4192011	1.27E-03	1.60E-03	1.26E-03	1.26E-03	1.26E-03	9.32E-04	5.65E-04	9.11E-04	1.25E-03	9.75E-04	9.77E-04	9.75E-04	6.50E-04	2.84E-04
1942	561112.2	4192009	1.28E-03	1.61E-03	1.26E-03	1.27E-03	1.26E-03	9.38E-04	5.69E-04	9.16E-04	1.26E-03	9.81E-04	9.83E-04	9.81E-04	6.54E-04	2.86E-04
1943	561102.7	4192007	1.29E-03	1.62E-03	1.27E-03	1.27E-03	1.27E-03	9.42E-04	5.71E-04	9.20E-04	1.26E-03	9.85E-04	9.87E-04	9.85E-04	6.56E-04	2.87E-04
1944	561306.7	4192061	6.76E-04	8.50E-04	6.67E-04	6.69E-04	6.67E-04	4.95E-04	3.00E-04	4.83E-04	6.62E-04	5.17E-04	5.19E-04	5.17E-04	3.45E-04	1.51E-04
1945	561314.3	4192067	6.57E-04	8.26E-04	6.48E-04	6.50E-04	6.48E-04	4.80E-04	2.91E-04	4.70E-04	6.43E-04	5.02E-04	5.04E-04	5.02E-04	3.35E-04	1.47E-04
1946	561321.8	4192073	6.38E-04	8.02E-04	6.30E-04	6.31E-04	6.30E-04	4.67E-04	2.83E-04	4.56E-04	6.25E-04	4.88E-04	4.90E-04	4.88E-04	3.25E-04	1.42E-04
1947	561329.3	4192078	6.20E-04	7.80E-04	6.12E-04	6.14E-04	6.12E-04	4.54E-04	2.75E-04	4.44E-04	6.08E-04	4.75E-04	4.76E-04	4.75E-04	3.16E-04	1.39E-04
1948	561336.8	4192084	6.04E-04	7.59E-04	5.96E-04	5.98E-04	5.96E-04	4.42E-04	2.68E-04	4.32E-04	5.92E-04	4.62E-04	4.63E-04	4.62E-04	3.08E-04	1.35E-04
1949	561344.4	4192089	5.89E-04	7.41E-04	5.81E-04	5.83E-04	5.81E-04	4.31E-04	2.61E-04	4.21E-04	5.77E-04	4.51E-04	4.52E-04	4.51E-04	3.00E-04	1.32E-04
1950	561351.9	4192095	5.75E-04	7.23E-04	5.68E-04	5.69E-04	5.68E-04	4.21E-04	2.55E-04	4.11E-04	5.64E-04	4.40E-04	4.41E-04	4.40E-04	2.94E-04	1.29E-04
1951	561359.4	4192101	5.63E-04	7.08E-04	5.56E-04	5.57E-04	5.56E-04	4.12E-04	2.50E-04	4.03E-04	5.52E-04	4.31E-04	4.32E-04	4.31E-04	2.87E-04	1.26E-04
1952	561366.9	4192106	5.53E-04	6.95E-04	5.45E-04	5.47E-04	5.45E-04	4.04E-04	2.45E-04	3.95E-04	5.41E-04	4.23E-04	4.24E-04	4.23E-04	2.82E-04	1.23E-04
1953	561389.5	4192123	5.29E-04	6.66E-04	5.22E-04	5.24E-04	5.22E-04	3.87E-04	2.35E-04	3.79E-04	5.19E-04	4.05E-04	4.06E-04	4.05E-04	2.70E-04	1.18E-04
1954	561397.1	4192128	5.24E-04	6.59E-04	5.17E-04	5.18E-04	5.17E-04	3.83E-04	2.32E-04	3.75E-04	5.13E-04	4.01E-04	4.02E-04	4.01E-04	2.67E-04	1.17E-04
1955	561404.6	4192134	5.19E-04	6.52E-04	5.12E-04	5.13E-04	5.12E-04	3.80E-04	2.30E-04	3.71E-04	5.08E-04	3.97E-04	3.98E-04	3.97E-04	2.65E-04	1.16E-04
1956	561412.1	4192140	5.14E-04	6.47E-04	5.08E-04	5.09E-04	5.08E-04	3.77E-04	2.28E-04	3.68E-04	5.04E-04	3.94E-04	3.95E-04	3.94E-04	2.62E-04	1.15E-04
1957	561420.9	4192154	5.26E-04	6.62E-04	5.20E-04	5.21E-04	5.20E-04	3.85E-04	2.34E-04	3.76E-04	5.16E-04	4.03E-04	4.04E-04	4.03E-04	2.69E-04	1.18E-04
1958	561422.2	4192164	5.42E-04	6.82E-04	5.35E-04	5.37E-04	5.35E-04	3.97E-04	2.41E-04	3.88E-04	5.31E-04	4.15E-04	4.16E-04	4.15E-04	2.77E-04	1.21E-04
1959	561440.2	4192294	6.70E-04	8.43E-04	6.62E-04	6.63E-04	6.62E-04	4.91E-04	2.97E-04	4.79E-04	6.57E-04	5.13E-04	5.14E-04	5.13E-04	3.42E-04	1.50E-04
1960	561441.5	4192303	6.70E-04	8.43E-04	6.61E-04	6.63E-04	6.61E-04	4.90E-04	2.97E-04	4.79E-04	6.56E-04	5.13E-04	5.14E-04	5.13E-04	3.42E-04	1.50E-04
1961	561276.6	4192039	7.56E-04	9.50E-04	7.46E-04	7.48E-04	7.46E-04	5.53E-04	3.35E-04	5.40E-04	7.40E-04	5.78E-04	5.80E-04	5.78E-04	3.86E-04	1.69E-04
1962	561267.1	4192037	7.91E-04	9.95E-04	7.81E-04	7.83E-04	7.81E-04	5.79E-04	3.51E-04	5.66E-04	7.75E-04	6.06E-04	6.07E-04	6.06E-04	4.04E-04	1.77E-04
1963	561257.6	4192034	8.27E-04	1.04E-03	8.17E-04	8.19E-04	8.17E-04	6.06E-04	3.67E-04	5.92E-04	8.11E-04	6.33E-04	6.35E-04	6.33E-04	4.22E-04	1.85E-04
1964	561248	4192032	8.64E-04	1.09E-03	8.52E-04	8.55E-04	8.52E-04	6.32E-04	3.83E-04	6.18E-04	8.46E-04	6.61E-04	6.63E-04	6.61E-04	4.41E-04	1.93E-04
1965	561238.5	4192030	9.00E-04	1.13E-03	8.88E-04	8.91E-04	8.88E-04	6.59E-04	3.99E-04	6.44E-04	8.82E-04	6.89E-04	6.91E-04	6.89E-04	4.59E-04	2.01E-04
1966	561229	4192027	9.36E-04	1.18E-03	9.23E-04	9.26E-04	9.23E-04	6.85E-04	4.15E-04	6.69E-04	9.17E-04	7.16E-04	7.18E-04	7.16E-04	4.77E-04	2.09E-04
1967	561219.4	4192025	9.71E-04	1.22E-03	9.58E-04	9.60E-04	9.58E-04	7.10E-04	4.31E-04	6.94E-04	9.51E-04	7.43E-04	7.45E-04	7.43E-04	4.95E-04	2.17E-04
1968	561209.9	4192023	1.00E-03	1.26E-03	9.91E-04	9.94E-04	9.91E-04	7.35E-04	4.46E-04	7.18E-04	9.84E-04	7.69E-04	7.71E-04	7.69E-04	5.12E-04	2.24E-04
1969	561200.4	4192020	1.04E-03	1.30E-03	1.02E-03	1.03E-03	1.02E-03	7.59E-04	4.60E-04	7.41E-04	1.02E-03	7.93E-04	7.96E-04	7.93E-04	5.29E-04	2.32E-04
1970	561181.3	4192016	1.10E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	8.02E-04	4.86E-04	7.84E-04	1.07E-03	8.39E-04	8.41E-04	8.39E-04	5.59E-04	2.45E-04
1971	561171.8	4192013	1.12E-03	1.41E-03	1.11E-03	1.11E-03	1.11E-03	8.21E-04	4.98E-04	8.03E-04	1.10E-03	8.59E-04	8.61E-04	8.59E-04	5.73E-04	2.51E-04
1972	561162.2	4192011	1.15E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.39E-04	5.08E-04	8.19E-04	1.12E-03	8.77E-04	8.79E-04	8.77E-04	5.85E-04	2.56E-04
1973	561152.7	4192009	1.17E-03	1.47E-03	1.15E-03	1.15E-03	1.15E-03	8.53E-04	5.17E-04	8.34E-04	1.14E-03	8.92E-04	8.95E-04	8.92E-04	5.95E-04	2.60E-04
1974	561143.2	4192006	1.18E-03	1.49E-03	1.17E-03	1.17E-03	1.17E-03	8.66E-04	5.25E-04	8.46E-04	1.16E-03	9.05E-04	9.08E-04	9.05E-04	6.04E-04	2.64E-04
1975	561133.6	4192004	1.20E-03	1.51E-03	1.18E-03	1.19E-03	1.18E-03	8.77E-04	5.31E-04	8.57E-04	1.17E-03	9.17E-04	9.19E-04	9.17E-04	6.11E-04	2.68E-04
1976	561124.1	4192002	1.21E-03	1.52E-03	1.19E-03	1.20E-03	1.19E-03	8.85E-04	5.36E-04	8.65E-04	1.18E-03	9.25E-04	9.28E-04	9.25E-04	6.17E-04	2.70E-04
1977	561114.6	4191999	1.22E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.91E-04	5.40E-04	8.71E-04	1.19E-03	9.32E-04	9.34E-04	9.32E-04	6.21E-04	2.72E-04
1978	561105.1	4191997	1.22E-03	1.54E-03	1.21E-03	1.21E-03	1.21E-03	8.95E-04	5.43E-04	8.75E-04	1.20E-03	9.36E-04	9.38E-04	9.36E-04	6.24E-04	2.73E-04
1979	561310.4	4192053	6.46E-04	8.12E-04	6.37E-04	6.39E-04	6.37E-04	4.73E-04	2.87E-04	4.62E-04	6.33E-04	4.94E-04	4.96E-04	4.94E-04	3.30E-04	1.44E-04
1980	561318.3	4192059	6.27E-04	7.88E-04	6.19E-04	6.20E-04	6.19E-04	4.59E-04	2.78E-04	4.48E-04	6.14E-04	4.80E-04	4.81E-04	4.80E-04	3.20E-04	1.40E-04
1981	561326.1	4192064	6.08E-04	7.65E-04	6.00E-04	6.02E-04	6.00E-04	4.45E-04	2.70E-04	4.35E-04	5.96E-04	4.66E-04	4.67E-04	4.66E-04	3.10E-04	1.36E-04
1982	561334	4192070	5.91E-04	7.43E-04	5.83E-04	5.85E-04	5.83E-04	4.33E-04	2.62E-04	4.23E-04	5.79E-04	4.52E-04	4.54E-04	4.52E-04	3.02E-04	1.32E-04
1983	561341.8	4192076	5.75E-04	7.23E-04	5.67E-04	5.69E-04	5.67E-04	4.21E-04	2.55E-04	4.11E-04	5.63E-04	4.40E-04	4.41E-04	4.40E-04	2.93E-04	1.28E-04
1984	561349.7	4192082	5.60E-04	7.04E-04	5.53E-04	5.54E-04	5.53E-04	4.10E-04	2.49E-04	4.01E-04	5.49E-04	4.29E-04	4.30E-04	4.29E-04	2.86E-04	1.25E-04
1985	561357.6	4192088	5.47E-04	6.88E-04	5.40E-04	5.41E-04	5.40E-04	4.00E-04	2.43E-04	3.91E-04	5.36E-04	4.18E-04	4.20E-04	4.18E-04	2.79E-04	1.22E-04
1986	561365.4	4192093	5.35E-04	6.73E-04	5.28E-04	5.29E-04	5.28E-04	3.92E-04	2.37E-04	3.83E-04	5.24E-04	4.09E-04	4.11E-04	4.09E-04	2.73E-04	1.19E-04
1987	561373.3	4192099	5.24E-04	6.60E-04	5.18E-04	5.19E-04	5.18E-04	3.84E-04	2.33E-04	3.75E-04	5.14E-04	4.01E-04	4.02E-04	4.01E-04	2.68E-04	1.17E-04
1988	561389	4192111	5.09E-04	6.40E-04	5.02E-04	5.03E-04	5.02E-04	3.72E-04	2.26E-04	3.64E-04	4.98E-04	3.89E-04	3.90E-04	3.89E-04	2.59E-04	1.14E-04
1989	561396.8	4192117	5.02E-04	6.32E-04	4.96E-04	4.97E-04	4.96E-04	3.68E-04	2.23E-04	3.59E-04	4.92E-04	3.85E-04	3.86E-04	3.85E-04	2.56E-04	1.12E-04
1990	561404.7	4192123	4.97E-04	6.25E-04	4.91E-04	4.92E-04	4.91E-04	3.64E-04	2.21E-04	3.56E-04	4.87E-04	3.81E-04	3.82E-04	3.81E-04	2.54E-04	1.11E-04
1991	561412.5	4192128	4.93E-04	6.20E-04	4.86E-04	4.88E-04	4.86E-04	3.61E-04	2.19E-04	3.52E-04	4.83E-04	3.77E-04	3.78E-04	3.77E-04	2.51E-04	1.10E-04
1992	561420.4	4192134	4.89E-04	6.15E-04	4.83E-04	4.84E-04	4.83E-04	3.58E-04	2.17E-04	3.50E-04	4.79E-04	3.74E-04	3.75E-04	3.74E-04	2.50E-04	1.09E-04
1993	561429.6	4192150	5.02E-04	6.31E-04	4.95E-04	4.96E-04	4.95E-04	3.67E-04	2.22E-04	3.59E-04	4.91E-04	3.84E-04	3.85E-04	3.84E-04	2.56E-04	1.12E-04
1994	561430.9	4192159	5.17E-04	6.50E-04	5.10E-04	5.12E-04	5.10E-04	3.78E-04	2.29E-04	3.70E-04	5.07E-04	3.96E-04	3.97E-04	3.96E-04	2.64E-04	1.16E-04
1995	561447	4192276	6.40E-04	8.05E-04	6.32E-04	6.34E-04	6.32E-04	4.69E-04	2.84E-04	4.58E-04	6.28E-04	4.90E-04	4.91E-04	4.90E-04	3.27E-04	1.43E-04
1996	561448.3	4192285	6.42E-04	8.07E-04	6.33E-04	6.35E-04	6.33E-04	4.70E-04	2.85E-04	4.59E-04	6.29E-04	4.91E-04	4.92E-04	4.91E-04	3.27E-04	1.43E-04
1997	561449.7	4192295	6.42E-04													

2022	561351.3	4192072	5.40E-04	6.79E-04	5.33E-04	5.34E-04	5.33E-04	3.95E-04	2.40E-04	3.86E-04	5.29E-04	4.13E-04	4.14E-04	4.13E-04	2.76E-04	1.21E-04
2023	561359.1	4192077	5.27E-04	6.63E-04	5.20E-04	5.21E-04	5.20E-04	3.86E-04	2.34E-04	3.77E-04	5.16E-04	4.03E-04	4.04E-04	4.03E-04	2.69E-04	1.18E-04
2024	561366.9	4192083	5.15E-04	6.48E-04	5.08E-04	5.10E-04	5.08E-04	3.77E-04	2.29E-04	3.68E-04	5.05E-04	3.94E-04	3.95E-04	3.94E-04	2.63E-04	1.15E-04
2025	561374.7	4192089	5.05E-04	6.34E-04	4.98E-04	4.99E-04	4.98E-04	3.69E-04	2.24E-04	3.61E-04	4.94E-04	3.86E-04	3.87E-04	3.86E-04	2.57E-04	1.13E-04
2026	561390.2	4192100	4.88E-04	6.14E-04	4.82E-04	4.83E-04	4.82E-04	3.57E-04	2.17E-04	3.49E-04	4.78E-04	3.73E-04	3.75E-04	3.73E-04	2.49E-04	1.09E-04
2027	561398	4192106	4.82E-04	6.06E-04	4.76E-04	4.77E-04	4.76E-04	3.53E-04	2.14E-04	3.45E-04	4.72E-04	3.69E-04	3.70E-04	3.69E-04	2.46E-04	1.08E-04
2028	561405.8	4192112	4.77E-04	5.99E-04	4.70E-04	4.72E-04	4.70E-04	3.49E-04	2.12E-04	3.41E-04	4.67E-04	3.65E-04	3.66E-04	3.65E-04	2.43E-04	1.06E-04
2029	561413.5	4192118	4.72E-04	5.94E-04	4.66E-04	4.67E-04	4.66E-04	3.46E-04	2.10E-04	3.38E-04	4.63E-04	3.61E-04	3.62E-04	3.61E-04	2.41E-04	1.06E-04
2030	561421.3	4192123	4.69E-04	5.90E-04	4.63E-04	4.64E-04	4.63E-04	3.43E-04	2.08E-04	3.35E-04	4.59E-04	3.59E-04	3.60E-04	3.59E-04	2.39E-04	1.05E-04
2031	561451.4	4192240	6.00E-04	7.55E-04	5.92E-04	5.94E-04	5.92E-04	4.39E-04	2.66E-04	4.29E-04	5.88E-04	4.59E-04	4.60E-04	4.59E-04	3.06E-04	1.34E-04
2032	561456.7	4192279	6.15E-04	7.73E-04	6.07E-04	6.08E-04	6.07E-04	4.50E-04	2.73E-04	4.40E-04	6.02E-04	4.70E-04	4.72E-04	4.70E-04	3.14E-04	1.37E-04
2033	561458.1	4192288	6.15E-04	7.74E-04	6.07E-04	6.09E-04	6.07E-04	4.50E-04	2.73E-04	4.40E-04	6.03E-04	4.71E-04	4.72E-04	4.71E-04	3.14E-04	1.37E-04
2034	561281.4	4192020	6.96E-04	8.75E-04	6.86E-04	6.88E-04	6.86E-04	5.09E-04	3.09E-04	4.97E-04	6.82E-04	5.32E-04	5.34E-04	5.32E-04	3.55E-04	1.55E-04
2035	561271.9	4192017	7.27E-04	9.14E-04	7.17E-04	7.19E-04	7.17E-04	5.32E-04	3.23E-04	5.20E-04	7.12E-04	5.56E-04	5.58E-04	5.56E-04	3.71E-04	1.62E-04
2036	561262.3	4192015	7.59E-04	9.54E-04	7.49E-04	7.51E-04	7.49E-04	5.55E-04	3.37E-04	5.43E-04	7.43E-04	5.81E-04	5.82E-04	5.81E-04	3.87E-04	1.69E-04
2037	561252.8	4192013	7.90E-04	9.94E-04	7.80E-04	7.82E-04	7.80E-04	5.78E-04	3.51E-04	5.65E-04	7.74E-04	6.05E-04	6.07E-04	6.05E-04	4.03E-04	1.77E-04
2038	561243.3	4192010	8.22E-04	1.03E-03	8.11E-04	8.13E-04	8.11E-04	6.02E-04	3.65E-04	5.88E-04	8.05E-04	6.29E-04	6.31E-04	6.29E-04	4.19E-04	1.84E-04
2039	561233.7	4192008	8.53E-04	1.07E-03	8.42E-04	8.44E-04	8.42E-04	6.24E-04	3.78E-04	6.10E-04	8.36E-04	6.53E-04	6.55E-04	6.53E-04	4.35E-04	1.91E-04
2040	561224.2	4192006	8.83E-04	1.11E-03	8.72E-04	8.74E-04	8.72E-04	6.47E-04	3.92E-04	6.32E-04	8.66E-04	6.76E-04	6.78E-04	6.76E-04	4.51E-04	1.97E-04
2041	561214.7	4192003	9.13E-04	1.15E-03	9.01E-04	9.03E-04	9.01E-04	6.68E-04	4.05E-04	6.53E-04	8.94E-04	6.99E-04	7.00E-04	6.99E-04	4.66E-04	2.04E-04
2042	561205.1	4192001	9.41E-04	1.18E-03	9.29E-04	9.31E-04	9.29E-04	6.89E-04	4.18E-04	6.73E-04	9.22E-04	7.20E-04	7.22E-04	7.20E-04	4.80E-04	2.10E-04
2043	561186.1	4191996	9.93E-04	1.25E-03	9.80E-04	9.82E-04	9.80E-04	7.27E-04	4.40E-04	7.10E-04	9.73E-04	7.60E-04	7.62E-04	7.60E-04	5.07E-04	2.22E-04
2044	561176.5	4191994	1.02E-03	1.28E-03	1.00E-03	1.01E-03	1.00E-03	7.43E-04	4.51E-04	7.26E-04	9.95E-04	7.77E-04	7.80E-04	7.77E-04	5.18E-04	2.27E-04
2045	561167	4191992	1.04E-03	1.30E-03	1.02E-03	1.03E-03	1.02E-03	7.59E-04	4.60E-04	7.41E-04	1.02E-03	7.93E-04	7.95E-04	7.93E-04	5.29E-04	2.32E-04
2046	561157.5	4191989	1.05E-03	1.33E-03	1.04E-03	1.04E-03	1.04E-03	7.72E-04	4.68E-04	7.54E-04	1.03E-03	8.07E-04	8.09E-04	8.07E-04	5.38E-04	2.36E-04
2047	561147.9	4191987	1.07E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.83E-04	4.75E-04	7.66E-04	1.05E-03	8.19E-04	8.21E-04	8.19E-04	5.46E-04	2.39E-04
2048	561138.4	4191985	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.93E-04	4.81E-04	7.75E-04	1.06E-03	8.29E-04	8.32E-04	8.29E-04	5.53E-04	2.42E-04
2049	561128.9	4191982	1.09E-03	1.38E-03	1.08E-03	1.08E-03	1.08E-03	8.01E-04	4.86E-04	7.83E-04	1.07E-03	8.38E-04	8.40E-04	8.38E-04	5.59E-04	2.45E-04
2050	561119.4	4191980	1.10E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	8.07E-04	4.89E-04	7.89E-04	1.08E-03	8.44E-04	8.47E-04	8.44E-04	5.63E-04	2.46E-04
2051	561109.8	4191978	1.11E-03	1.39E-03	1.09E-03	1.10E-03	1.09E-03	8.12E-04	4.92E-04	7.93E-04	1.09E-03	8.49E-04	8.51E-04	8.49E-04	5.66E-04	2.48E-04
2052	561314.6	4192033	6.00E-04	7.54E-04	5.92E-04	5.93E-04	5.92E-04	4.39E-04	2.66E-04	4.29E-04	5.88E-04	4.59E-04	4.60E-04	4.59E-04	3.06E-04	1.34E-04
2053	561322.3	4192039	5.83E-04	7.33E-04	5.75E-04	5.77E-04	5.75E-04	4.26E-04	2.58E-04	4.17E-04	5.71E-04	4.46E-04	4.47E-04	4.46E-04	2.97E-04	1.30E-04
2054	561330	4192044	5.66E-04	7.12E-04	5.59E-04	5.60E-04	5.59E-04	4.14E-04	2.51E-04	4.05E-04	5.55E-04	4.33E-04	4.34E-04	4.33E-04	2.89E-04	1.26E-04
2055	561337.7	4192050	5.50E-04	6.92E-04	5.43E-04	5.44E-04	5.43E-04	4.03E-04	2.44E-04	3.93E-04	5.39E-04	4.21E-04	4.22E-04	4.21E-04	2.81E-04	1.23E-04
2056	561345.4	4192056	5.35E-04	6.73E-04	5.28E-04	5.30E-04	5.28E-04	3.92E-04	2.37E-04	3.83E-04	5.24E-04	4.10E-04	4.11E-04	4.10E-04	2.73E-04	1.20E-04
2057	561353.1	4192061	5.21E-04	6.56E-04	5.14E-04	5.16E-04	5.14E-04	3.82E-04	2.31E-04	3.73E-04	5.11E-04	3.99E-04	4.00E-04	3.99E-04	2.66E-04	1.16E-04
2058	561360.8	4192067	5.08E-04	6.39E-04	5.02E-04	5.03E-04	5.02E-04	3.72E-04	2.26E-04	3.64E-04	4.98E-04	3.89E-04	3.90E-04	3.89E-04	2.59E-04	1.14E-04
2059	561368.5	4192073	4.97E-04	6.25E-04	4.90E-04	4.92E-04	4.90E-04	3.64E-04	2.20E-04	3.55E-04	4.87E-04	3.80E-04	3.81E-04	3.80E-04	2.53E-04	1.11E-04
2060	561376.2	4192078	4.86E-04	6.11E-04	4.80E-04	4.81E-04	4.80E-04	3.56E-04	2.16E-04	3.48E-04	4.76E-04	3.72E-04	3.73E-04	3.72E-04	2.48E-04	1.09E-04
2061	561399.3	4192096	4.63E-04	5.82E-04	4.57E-04	4.58E-04	4.57E-04	3.39E-04	2.05E-04	3.31E-04	4.54E-04	3.54E-04	3.55E-04	3.54E-04	2.36E-04	1.03E-04
2062	561407	4192101	4.58E-04	5.76E-04	4.52E-04	4.53E-04	4.52E-04	3.35E-04	2.03E-04	3.27E-04	4.48E-04	3.50E-04	3.51E-04	3.50E-04	2.34E-04	1.02E-04
2063	561414.7	4192107	4.53E-04	5.70E-04	4.47E-04	4.49E-04	4.47E-04	3.32E-04	2.01E-04	3.24E-04	4.44E-04	3.47E-04	3.48E-04	3.47E-04	2.31E-04	1.01E-04
2064	561422.4	4192113	4.50E-04	5.65E-04	4.44E-04	4.45E-04	4.44E-04	3.29E-04	1.99E-04	3.22E-04	4.41E-04	3.44E-04	3.45E-04	3.44E-04	2.29E-04	1.00E-04
2065	561458.6	4192225	5.66E-04	7.12E-04	5.58E-04	5.60E-04	5.58E-04	4.14E-04	2.51E-04	4.05E-04	5.54E-04	4.33E-04	4.34E-04	4.33E-04	2.89E-04	1.26E-04
2066	561459.9	4192234	5.73E-04	7.21E-04	5.66E-04	5.67E-04	5.66E-04	4.20E-04	2.54E-04	4.10E-04	5.62E-04	4.39E-04	4.40E-04	4.39E-04	2.92E-04	1.28E-04
2067	561461.2	4192244	5.79E-04	7.28E-04	5.72E-04	5.73E-04	5.72E-04	4.24E-04	2.57E-04	4.14E-04	5.67E-04	4.43E-04	4.44E-04	4.43E-04	2.95E-04	1.29E-04
2068	561283.8	4192010	6.69E-04	8.41E-04	6.60E-04	6.62E-04	6.60E-04	4.89E-04	2.97E-04	4.78E-04	6.55E-04	5.12E-04	5.13E-04	5.12E-04	3.41E-04	1.49E-04
2069	561274.2	4192008	6.98E-04	8.78E-04	6.89E-04	6.91E-04	6.89E-04	5.11E-04	3.10E-04	4.99E-04	6.84E-04	5.34E-04	5.36E-04	5.34E-04	3.56E-04	1.56E-04
2070	561264.7	4192005	7.28E-04	9.15E-04	7.18E-04	7.20E-04	7.18E-04	5.33E-04	3.23E-04	5.20E-04	7.13E-04	5.57E-04	5.59E-04	5.57E-04	3.71E-04	1.63E-04
2071	561255.2	4192003	7.58E-04	9.53E-04	7.48E-04	7.50E-04	7.48E-04	5.54E-04	3.36E-04	5.42E-04	7.42E-04	5.80E-04	5.81E-04	5.80E-04	3.87E-04	1.69E-04
2072	561245.7	4192001	7.87E-04	9.90E-04	7.77E-04	7.79E-04	7.77E-04	5.76E-04	3.49E-04	5.63E-04	7.71E-04	6.02E-04	6.04E-04	6.02E-04	4.02E-04	1.76E-04
2073	561236.1	4191998	8.16E-04	1.03E-03	8.05E-04	8.08E-04	8.05E-04	5.97E-04	3.62E-04	5.84E-04	8.00E-04	6.25E-04	6.26E-04	6.25E-04	4.16E-04	1.82E-04
2074	561226.6	4191996	8.45E-04	1.06E-03	8.34E-04	8.36E-04	8.34E-04	6.18E-04	3.75E-04	6.04E-04	8.28E-04	6.46E-04	6.48E-04	6.46E-04	4.31E-04	1.89E-04
2075	561217.1	4191994	8.72E-04	1.10E-03	8.61E-04	8.63E-04	8.61E-04	6.38E-04	3.87E-04	6.24E-04	8.55E-04	6.67E-04	6.69E-04	6.67E-04	4.45E-04	1.95E-04
2076	561188.5	4191987	9.47E-04	1.19E-03	9.34E-04	9.37E-04	9.34E-04	6.93E-04	4.20E-04	6.77E-04	9.28E-04	7.25E-04	7.27E-04	7.25E-04	4.83E-04	2.12E-04
2077	561178.9	4191984	9.69E-04	1.22E-03	9.56E-04	9.58E-04	9.56E-04	7.09E-04	4.30E-04	6.93E-04	9.49E-04	7.41E-04	7.43E-04	7.41E-04	4.94E-04	2.16E-04
2078	561169.4	4191982	9.88E-04													

2103	561341.5	4192030	5.14E-04	6.47E-04	5.07E-04	5.09E-04	5.07E-04	3.76E-04	2.28E-04	3.68E-04	5.04E-04	3.94E-04	3.95E-04	3.94E-04	2.62E-04	1.15E-04
2104	561349.1	4192035	5.00E-04	6.29E-04	4.94E-04	4.95E-04	4.94E-04	3.66E-04	2.22E-04	3.58E-04	4.90E-04	3.83E-04	3.84E-04	3.83E-04	2.55E-04	1.12E-04
2105	561356.7	4192041	4.87E-04	6.13E-04	4.81E-04	4.82E-04	4.81E-04	3.57E-04	2.16E-04	3.49E-04	4.78E-04	3.73E-04	3.74E-04	3.73E-04	2.49E-04	1.09E-04
2106	561364.2	4192047	4.75E-04	5.98E-04	4.69E-04	4.70E-04	4.69E-04	3.48E-04	2.11E-04	3.40E-04	4.66E-04	3.64E-04	3.65E-04	3.64E-04	2.42E-04	1.06E-04
2107	561371.8	4192052	4.64E-04	5.84E-04	4.58E-04	4.59E-04	4.58E-04	3.40E-04	2.06E-04	3.32E-04	4.55E-04	3.55E-04	3.56E-04	3.55E-04	2.37E-04	1.04E-04
2108	561379.4	4192058	4.54E-04	5.70E-04	4.48E-04	4.49E-04	4.48E-04	3.32E-04	2.01E-04	3.24E-04	4.45E-04	3.47E-04	3.48E-04	3.47E-04	2.31E-04	1.01E-04
2109	561402.1	4192075	4.30E-04	5.40E-04	4.24E-04	4.25E-04	4.24E-04	3.14E-04	1.91E-04	3.07E-04	4.21E-04	3.29E-04	3.30E-04	3.29E-04	2.19E-04	9.60E-05
2110	561409.7	4192080	4.24E-04	5.33E-04	4.18E-04	4.19E-04	4.18E-04	3.10E-04	1.88E-04	3.03E-04	4.15E-04	3.24E-04	3.25E-04	3.24E-04	2.16E-04	9.47E-05
2111	561417.2	4192086	4.19E-04	5.27E-04	4.14E-04	4.15E-04	4.14E-04	3.07E-04	1.86E-04	3.00E-04	4.11E-04	3.21E-04	3.22E-04	3.21E-04	2.14E-04	9.36E-05
2112	561424.8	4192092	4.15E-04	5.22E-04	4.10E-04	4.11E-04	4.10E-04	3.04E-04	1.84E-04	2.97E-04	4.07E-04	3.18E-04	3.19E-04	3.18E-04	2.12E-04	9.27E-05
2113	561478.2	4192232	5.31E-04	6.68E-04	5.24E-04	5.26E-04	5.24E-04	3.89E-04	2.36E-04	3.80E-04	5.20E-04	4.06E-04	4.08E-04	4.06E-04	2.71E-04	1.19E-04
2114	561479.4	4192241	5.36E-04	6.74E-04	5.29E-04	5.31E-04	5.29E-04	3.92E-04	2.38E-04	3.83E-04	5.25E-04	4.10E-04	4.11E-04	4.10E-04	2.74E-04	1.20E-04
2115	561480.7	4192250	5.40E-04	6.79E-04	5.33E-04	5.35E-04	5.33E-04	3.95E-04	2.40E-04	3.86E-04	5.29E-04	4.13E-04	4.15E-04	4.13E-04	2.76E-04	1.21E-04
2116	561353.7	4192027	4.80E-04	6.04E-04	4.74E-04	4.75E-04	4.74E-04	3.51E-04	2.13E-04	3.43E-04	4.70E-04	3.67E-04	3.68E-04	3.67E-04	2.45E-04	1.07E-04
2117	561361.5	4192033	4.67E-04	5.88E-04	4.61E-04	4.62E-04	4.61E-04	3.42E-04	2.07E-04	3.34E-04	4.58E-04	3.58E-04	3.59E-04	3.58E-04	2.38E-04	1.04E-04
2118	561369.3	4192039	4.55E-04	5.73E-04	4.49E-04	4.51E-04	4.49E-04	3.33E-04	2.02E-04	3.26E-04	4.46E-04	3.49E-04	3.49E-04	3.49E-04	2.32E-04	1.02E-04
2119	561377.2	4192045	4.44E-04	5.59E-04	4.39E-04	4.40E-04	4.39E-04	3.25E-04	1.97E-04	3.18E-04	4.35E-04	3.40E-04	3.41E-04	3.40E-04	2.27E-04	9.93E-05
2120	561385	4192051	4.34E-04	5.46E-04	4.29E-04	4.30E-04	4.29E-04	3.18E-04	1.93E-04	3.11E-04	4.26E-04	3.32E-04	3.33E-04	3.32E-04	2.22E-04	9.70E-05
2121	561400.7	4192062	4.17E-04	5.25E-04	4.12E-04	4.13E-04	4.12E-04	3.06E-04	1.85E-04	2.99E-04	4.09E-04	3.19E-04	3.20E-04	3.19E-04	2.13E-04	9.33E-05
2122	561408.5	4192068	4.11E-04	5.17E-04	4.05E-04	4.07E-04	4.05E-04	3.01E-04	1.82E-04	2.94E-04	4.03E-04	3.14E-04	3.15E-04	3.14E-04	2.10E-04	9.18E-05
2123	561416.4	4192074	4.05E-04	5.10E-04	4.00E-04	4.01E-04	4.00E-04	2.97E-04	1.80E-04	2.90E-04	3.97E-04	3.10E-04	3.11E-04	3.10E-04	2.07E-04	9.05E-05
2124	561424.2	4192080	4.01E-04	5.04E-04	3.95E-04	3.97E-04	3.95E-04	2.93E-04	1.78E-04	2.87E-04	3.93E-04	3.07E-04	3.08E-04	3.07E-04	2.04E-04	8.95E-05
2125	561432.1	4192086	3.97E-04	4.99E-04	3.92E-04	3.93E-04	3.92E-04	2.91E-04	1.76E-04	2.84E-04	3.89E-04	3.04E-04	3.05E-04	3.04E-04	2.03E-04	8.87E-05
2126	561487.3	4192231	5.12E-04	6.44E-04	5.05E-04	5.07E-04	5.05E-04	3.75E-04	2.27E-04	3.66E-04	5.02E-04	3.92E-04	3.93E-04	3.92E-04	2.61E-04	1.14E-04
2127	561488.6	4192240	5.17E-04	6.50E-04	5.10E-04	5.12E-04	5.10E-04	3.79E-04	2.29E-04	3.70E-04	5.07E-04	3.96E-04	3.97E-04	3.96E-04	2.64E-04	1.16E-04
2128	561490	4192250	5.21E-04	6.55E-04	5.14E-04	5.16E-04	5.14E-04	3.81E-04	2.31E-04	3.73E-04	5.11E-04	3.99E-04	4.00E-04	3.99E-04	2.66E-04	1.16E-04
2129	561281.4	4191978	6.22E-04	7.83E-04	6.14E-04	6.16E-04	6.14E-04	4.55E-04	2.76E-04	4.45E-04	6.10E-04	4.76E-04	4.78E-04	4.76E-04	3.18E-04	1.39E-04
2130	561271.9	4191976	6.47E-04	8.14E-04	6.39E-04	6.40E-04	6.39E-04	4.74E-04	2.87E-04	4.63E-04	6.34E-04	4.95E-04	4.97E-04	4.95E-04	3.30E-04	1.45E-04
2131	561262.3	4191974	6.72E-04	8.45E-04	6.63E-04	6.65E-04	6.63E-04	4.92E-04	2.98E-04	4.80E-04	6.58E-04	5.14E-04	5.15E-04	5.14E-04	3.43E-04	1.50E-04
2132	561252.8	4191971	6.96E-04	8.75E-04	6.87E-04	6.89E-04	6.87E-04	5.09E-04	3.09E-04	4.98E-04	6.82E-04	5.33E-04	5.34E-04	5.33E-04	3.55E-04	1.56E-04
2133	561243.3	4191969	7.20E-04	9.06E-04	7.11E-04	7.13E-04	7.11E-04	5.27E-04	3.20E-04	5.15E-04	7.06E-04	5.51E-04	5.53E-04	5.51E-04	3.67E-04	1.61E-04
2134	561233.7	4191967	7.44E-04	9.35E-04	7.34E-04	7.36E-04	7.34E-04	5.44E-04	3.30E-04	5.32E-04	7.29E-04	5.69E-04	5.71E-04	5.69E-04	3.79E-04	1.66E-04
2135	561224.2	4191964	7.66E-04	9.64E-04	7.56E-04	7.58E-04	7.56E-04	5.61E-04	3.40E-04	5.48E-04	7.51E-04	5.86E-04	5.88E-04	5.86E-04	3.91E-04	1.71E-04
2136	561214.7	4191962	7.88E-04	9.91E-04	7.78E-04	7.80E-04	7.78E-04	5.77E-04	3.50E-04	5.64E-04	7.72E-04	6.03E-04	6.05E-04	6.03E-04	4.02E-04	1.76E-04
2137	561205.1	4191960	8.09E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.92E-04	3.59E-04	5.78E-04	7.92E-04	6.19E-04	6.21E-04	6.19E-04	4.13E-04	1.81E-04
2138	561195.6	4191957	8.28E-04	1.04E-03	8.17E-04	8.19E-04	8.17E-04	6.06E-04	3.67E-04	5.92E-04	8.11E-04	6.34E-04	6.35E-04	6.34E-04	4.23E-04	1.85E-04
2139	561186.1	4191955	8.46E-04	1.06E-03	8.35E-04	8.37E-04	8.35E-04	6.19E-04	3.75E-04	6.05E-04	8.29E-04	6.48E-04	6.49E-04	6.48E-04	4.32E-04	1.89E-04
2140	561176.6	4191953	8.63E-04	1.08E-03	8.51E-04	8.54E-04	8.51E-04	6.31E-04	3.83E-04	6.17E-04	8.45E-04	6.60E-04	6.62E-04	6.60E-04	4.40E-04	1.93E-04
2141	561167	4191950	8.78E-04	1.10E-03	8.66E-04	8.68E-04	8.66E-04	6.42E-04	3.89E-04	6.28E-04	8.60E-04	6.72E-04	6.73E-04	6.72E-04	4.48E-04	1.96E-04
2142	561157.5	4191948	8.91E-04	1.12E-03	8.79E-04	8.81E-04	8.79E-04	6.52E-04	3.95E-04	6.37E-04	8.73E-04	6.82E-04	6.84E-04	6.82E-04	4.54E-04	1.99E-04
2143	561148	4191946	9.02E-04	1.13E-03	8.90E-04	8.93E-04	8.90E-04	6.60E-04	4.00E-04	6.45E-04	8.84E-04	6.90E-04	6.92E-04	6.90E-04	4.60E-04	2.01E-04
2144	561138.4	4191943	9.12E-04	1.15E-03	9.00E-04	9.02E-04	9.00E-04	6.67E-04	4.05E-04	6.52E-04	8.93E-04	6.98E-04	7.00E-04	6.98E-04	4.65E-04	2.04E-04
2145	561128.9	4191941	9.20E-04	1.16E-03	9.08E-04	9.11E-04	9.08E-04	6.74E-04	4.08E-04	6.58E-04	9.02E-04	7.04E-04	7.06E-04	7.04E-04	4.70E-04	2.06E-04
2146	561119.4	4191939	9.27E-04	1.17E-03	9.15E-04	9.17E-04	9.15E-04	6.78E-04	4.11E-04	6.63E-04	9.08E-04	7.09E-04	7.11E-04	7.09E-04	4.73E-04	2.07E-04
2147	561324.4	4191994	5.21E-04	6.55E-04	5.14E-04	5.15E-04	5.14E-04	3.81E-04	2.31E-04	3.72E-04	5.10E-04	3.98E-04	3.99E-04	3.98E-04	2.76E-04	1.16E-04
2148	561332.2	4192000	5.06E-04	6.37E-04	5.00E-04	5.01E-04	5.00E-04	3.71E-04	2.25E-04	3.62E-04	4.96E-04	3.87E-04	3.89E-04	3.87E-04	2.58E-04	1.13E-04
2149	561371	4192029	4.42E-04	5.55E-04	4.36E-04	4.37E-04	4.36E-04	3.23E-04	1.96E-04	3.16E-04	4.33E-04	3.38E-04	3.39E-04	3.38E-04	2.25E-04	9.87E-05
2150	561378.8	4192035	4.31E-04	5.42E-04	4.25E-04	4.26E-04	4.25E-04	3.15E-04	1.91E-04	3.08E-04	4.22E-04	3.30E-04	3.31E-04	3.30E-04	2.20E-04	9.63E-05
2151	561386.6	4192040	4.21E-04	5.30E-04	4.16E-04	4.17E-04	4.16E-04	3.08E-04	1.87E-04	3.01E-04	4.13E-04	3.22E-04	3.23E-04	3.22E-04	2.15E-04	9.41E-05
2152	561417.7	4192063	3.91E-04	4.92E-04	3.86E-04	3.87E-04	3.86E-04	2.86E-04	1.74E-04	2.80E-04	3.84E-04	3.00E-04	3.00E-04	3.00E-04	2.00E-04	8.74E-05
2153	561425.5	4192069	3.87E-04	4.86E-04	3.82E-04	3.83E-04	3.82E-04	2.83E-04	1.72E-04	2.76E-04	3.79E-04	2.96E-04	2.97E-04	2.96E-04	1.97E-04	8.64E-05
2154	561433.2	4192075	3.83E-04	4.81E-04	3.78E-04	3.79E-04	3.78E-04	2.80E-04	1.70E-04	2.74E-04	3.75E-04	2.93E-04	2.94E-04	2.93E-04	1.95E-04	8.55E-05
2155	561283.8	4191969	6.00E-04	7.55E-04	5.92E-04	5.94E-04	5.92E-04	4.39E-04	2.66E-04	4.29E-04	5.88E-04	4.59E-04	4.61E-04	4.59E-04	3.06E-04	1.34E-04
2156	561274.3	4191966	6.23E-04	7.84E-04	6.15E-04	6.17E-04	6.15E-04	4.56E-04	2.77E-04	4.46E-04	6.11E-04	4.77E-04	4.78E-04	4.77E-04	3.18E-04	1.39E-04
2157	561264.7	4191964	6.47E-04	8.13E-04	6.38E-04	6.40E-04	6.38E-04	4.73E-04	2.87E-04	4.62E-04	6.34E-04	4.95E-04	4.96E-04	4.95E-04	3.30E-04	1.44E-04
2158	561255.2	4191962	6.70E-04	8.42E-04	6.61E-04	6.63E-04	6.61E-04	4.90E-04	2.97E-04	4.79E-04	6.56E-04	5.12E-04	5.14E-04	5.12E-04	3.42E-04	1.50E-04
2159	561245.7	4191959	6.92E-04													

2184	561229	4191945	7.07E-04	8.89E-04	6.98E-04	7.00E-04	6.98E-04	5.17E-04	3.14E-04	5.06E-04	6.93E-04	5.41E-04	5.43E-04	5.41E-04	3.61E-04	1.58E-04
2185	561219.4	4191943	7.26E-04	9.13E-04	7.17E-04	7.19E-04	7.17E-04	5.31E-04	3.22E-04	5.19E-04	7.12E-04	5.56E-04	5.57E-04	5.56E-04	3.71E-04	1.62E-04
2186	561209.9	4191940	7.45E-04	9.36E-04	7.35E-04	7.37E-04	7.35E-04	5.45E-04	3.30E-04	5.32E-04	7.30E-04	5.70E-04	5.71E-04	5.70E-04	3.80E-04	1.66E-04
2187	561200.4	4191938	7.62E-04	9.58E-04	7.52E-04	7.54E-04	7.52E-04	5.58E-04	3.38E-04	5.45E-04	7.46E-04	5.83E-04	5.85E-04	5.83E-04	3.89E-04	1.70E-04
2188	561190.9	4191936	7.78E-04	9.78E-04	7.68E-04	7.70E-04	7.68E-04	5.69E-04	3.45E-04	5.56E-04	7.62E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
2189	561181.3	4191933	7.93E-04	9.97E-04	7.82E-04	7.84E-04	7.82E-04	5.80E-04	3.52E-04	5.67E-04	7.77E-04	6.07E-04	6.08E-04	6.07E-04	4.04E-04	1.77E-04
2190	561171.8	4191931	8.06E-04	1.01E-03	7.96E-04	7.98E-04	7.96E-04	5.90E-04	3.58E-04	5.77E-04	7.90E-04	6.17E-04	6.19E-04	6.17E-04	4.11E-04	1.80E-04
2191	561162.3	4191929	8.18E-04	1.03E-03	8.07E-04	8.10E-04	8.07E-04	5.99E-04	3.63E-04	5.85E-04	8.02E-04	6.26E-04	6.28E-04	6.26E-04	4.17E-04	1.83E-04
2192	561152.7	4191926	8.29E-04	1.04E-03	8.18E-04	8.20E-04	8.18E-04	6.06E-04	3.68E-04	5.93E-04	8.12E-04	6.34E-04	6.36E-04	6.34E-04	4.23E-04	1.85E-04
2193	561143.2	4191924	8.38E-04	1.05E-03	8.27E-04	8.29E-04	8.27E-04	6.13E-04	3.72E-04	5.99E-04	8.21E-04	6.41E-04	6.43E-04	6.41E-04	4.27E-04	1.87E-04
2194	561133.7	4191922	8.46E-04	1.06E-03	8.35E-04	8.37E-04	8.35E-04	6.19E-04	3.75E-04	6.05E-04	8.29E-04	6.47E-04	6.49E-04	6.47E-04	4.31E-04	1.89E-04
2195	561124.1	4191919	8.52E-04	1.07E-03	8.41E-04	8.43E-04	8.41E-04	6.24E-04	3.78E-04	6.09E-04	8.35E-04	6.52E-04	6.54E-04	6.52E-04	4.35E-04	1.90E-04
2196	560814.6	4192518	1.38E-03	1.74E-03	1.37E-03	1.37E-03	1.37E-03	1.01E-03	6.14E-04	9.90E-04	1.36E-03	1.06E-03	1.06E-03	1.06E-03	7.07E-04	3.09E-04
2197	560817.7	4192535	1.36E-03	1.71E-03	1.34E-03	1.35E-03	1.34E-03	9.95E-04	6.03E-04	9.72E-04	1.33E-03	1.04E-03	1.04E-03	1.04E-03	6.94E-04	3.04E-04
2198	560820.7	4192553	1.34E-03	1.68E-03	1.32E-03	1.32E-03	1.32E-03	9.80E-04	5.94E-04	9.57E-04	1.31E-03	1.02E-03	1.03E-03	1.02E-03	6.83E-04	2.99E-04
2199	560804.8	4192520	1.30E-03	1.63E-03	1.28E-03	1.28E-03	1.28E-03	9.49E-04	5.76E-04	9.28E-04	1.27E-03	9.93E-04	9.96E-04	9.93E-04	6.62E-04	2.90E-04
2200	560807.8	4192537	1.27E-03	1.60E-03	1.26E-03	1.26E-03	1.26E-03	9.33E-04	5.65E-04	9.11E-04	1.25E-03	9.75E-04	9.78E-04	9.75E-04	6.50E-04	2.85E-04
2201	560810.9	4192554	1.26E-03	1.58E-03	1.24E-03	1.24E-03	1.24E-03	9.19E-04	5.57E-04	8.98E-04	1.23E-03	9.61E-04	9.63E-04	9.61E-04	6.40E-04	2.80E-04
2202	560792.9	4192506	1.25E-03	1.57E-03	1.23E-03	1.23E-03	1.23E-03	9.13E-04	5.53E-04	8.92E-04	1.22E-03	9.54E-04	9.57E-04	9.54E-04	6.36E-04	2.79E-04
2203	560794.9	4192522	1.22E-03	1.53E-03	1.20E-03	1.21E-03	1.20E-03	8.91E-04	5.40E-04	8.71E-04	1.19E-03	9.32E-04	9.35E-04	9.32E-04	6.21E-04	2.72E-04
2204	560798	4192539	1.20E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.76E-04	5.31E-04	8.56E-04	1.17E-03	9.16E-04	9.18E-04	9.16E-04	6.11E-04	2.67E-04
2205	560801	4192556	1.18E-03	1.48E-03	1.16E-03	1.17E-03	1.16E-03	8.63E-04	5.23E-04	8.43E-04	1.16E-03	9.02E-04	9.05E-04	9.02E-04	6.02E-04	2.63E-04
2206	560783.1	4192507	1.17E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	8.59E-04	5.21E-04	8.40E-04	1.15E-03	8.99E-04	9.01E-04	8.99E-04	5.99E-04	2.62E-04
2207	560785.1	4192524	1.15E-03	1.44E-03	1.13E-03	1.13E-03	1.13E-03	8.39E-04	5.08E-04	8.19E-04	1.12E-03	8.77E-04	8.79E-04	8.77E-04	5.85E-04	2.56E-04
2208	560788.1	4192541	1.13E-03	1.42E-03	1.11E-03	1.11E-03	1.11E-03	8.24E-04	5.00E-04	8.05E-04	1.10E-03	8.62E-04	8.64E-04	8.62E-04	5.75E-04	2.52E-04
2209	560791.2	4192558	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.12E-04	4.92E-04	7.94E-04	1.09E-03	8.49E-04	8.52E-04	8.49E-04	5.66E-04	2.48E-04
2210	560773.2	4192508	1.11E-03	1.39E-03	1.09E-03	1.10E-03	1.09E-03	8.12E-04	4.92E-04	7.93E-04	1.09E-03	8.49E-04	8.51E-04	8.49E-04	5.66E-04	2.48E-04
2211	560775.2	4192525	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.92E-04	4.80E-04	7.73E-04	1.06E-03	8.28E-04	8.30E-04	8.28E-04	5.52E-04	2.42E-04
2212	560778.3	4192542	1.06E-03	1.34E-03	1.05E-03	1.05E-03	1.05E-03	7.78E-04	4.72E-04	7.60E-04	1.04E-03	8.13E-04	8.16E-04	8.13E-04	5.42E-04	2.37E-04
2213	560781.3	4192560	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.67E-04	4.65E-04	7.49E-04	1.03E-03	8.02E-04	8.04E-04	8.02E-04	5.34E-04	2.34E-04
2214	560763.4	4192511	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.66E-04	4.65E-04	7.49E-04	1.03E-03	8.01E-04	8.04E-04	8.01E-04	5.34E-04	2.34E-04
2215	560765.4	4192527	1.02E-03	1.29E-03	1.01E-03	1.01E-03	1.01E-03	7.49E-04	4.54E-04	7.32E-04	1.00E-03	7.83E-04	7.85E-04	7.83E-04	5.22E-04	2.29E-04
2216	560768.4	4192544	1.01E-03	1.26E-03	9.92E-04	9.95E-04	9.92E-04	7.36E-04	4.46E-04	7.19E-04	9.85E-04	7.70E-04	7.72E-04	7.70E-04	5.13E-04	2.25E-04
2217	560771.5	4192561	9.91E-04	1.25E-03	9.78E-04	9.81E-04	9.78E-04	7.25E-04	4.40E-04	7.09E-04	9.71E-04	7.58E-04	7.61E-04	7.58E-04	5.06E-04	2.21E-04
2218	560753.6	4192512	9.93E-04	1.25E-03	9.80E-04	9.83E-04	9.80E-04	7.27E-04	4.41E-04	7.10E-04	9.73E-04	7.60E-04	7.62E-04	7.60E-04	5.07E-04	2.22E-04
2219	560752.6	4192497	1.02E-03	1.29E-03	1.01E-03	1.01E-03	1.01E-03	7.48E-04	4.54E-04	7.31E-04	1.00E-03	7.82E-04	7.85E-04	7.82E-04	5.22E-04	2.28E-04
2220	560755.6	4192529	9.70E-04	1.22E-03	9.57E-04	9.60E-04	9.57E-04	7.10E-04	4.30E-04	6.94E-04	9.50E-04	7.42E-04	7.44E-04	7.42E-04	4.95E-04	2.17E-04
2221	560758.6	4192546	9.53E-04	1.20E-03	9.41E-04	9.43E-04	9.41E-04	6.98E-04	4.23E-04	6.82E-04	9.34E-04	7.30E-04	7.32E-04	7.30E-04	4.86E-04	2.13E-04
2222	560761.6	4192563	9.40E-04	1.18E-03	9.27E-04	9.30E-04	9.27E-04	6.88E-04	4.17E-04	6.72E-04	9.21E-04	7.19E-04	7.21E-04	7.19E-04	4.79E-04	2.10E-04
2223	560743.7	4192514	9.43E-04	1.19E-03	9.31E-04	9.34E-04	9.31E-04	6.90E-04	4.19E-04	6.75E-04	9.24E-04	7.22E-04	7.24E-04	7.22E-04	4.81E-04	2.11E-04
2224	560742.7	4192497	9.72E-04	1.22E-03	9.59E-04	9.62E-04	9.59E-04	7.11E-04	4.31E-04	6.95E-04	9.52E-04	7.44E-04	7.46E-04	7.44E-04	4.96E-04	2.17E-04
2225	560745.7	4192531	9.21E-04	1.16E-03	9.09E-04	9.12E-04	9.09E-04	6.74E-04	4.09E-04	6.59E-04	9.03E-04	7.05E-04	7.07E-04	7.05E-04	4.70E-04	2.06E-04
2226	560748.8	4192548	9.05E-04	1.14E-03	8.94E-04	8.96E-04	8.94E-04	6.63E-04	4.02E-04	6.48E-04	8.87E-04	6.93E-04	6.95E-04	6.93E-04	4.62E-04	2.02E-04
2227	560751.8	4192565	8.92E-04	1.12E-03	8.81E-04	8.83E-04	8.81E-04	6.53E-04	3.96E-04	6.38E-04	8.74E-04	6.83E-04	6.85E-04	6.83E-04	4.55E-04	1.99E-04
2228	560733.8	4192515	8.98E-04	1.13E-03	8.86E-04	8.88E-04	8.86E-04	6.57E-04	3.98E-04	6.42E-04	8.80E-04	6.87E-04	6.89E-04	6.87E-04	4.58E-04	2.01E-04
2229	560735.9	4192532	8.76E-04	1.10E-03	8.65E-04	8.67E-04	8.65E-04	6.41E-04	3.89E-04	6.27E-04	8.59E-04	6.71E-04	6.72E-04	6.71E-04	4.47E-04	1.96E-04
2230	560738.9	4192549	8.61E-04	1.08E-03	8.50E-04	8.52E-04	8.50E-04	6.30E-04	3.82E-04	6.16E-04	8.44E-04	6.59E-04	6.61E-04	6.59E-04	4.40E-04	1.92E-04
2231	560742	4192567	8.49E-04	1.07E-03	8.38E-04	8.40E-04	8.38E-04	6.21E-04	3.77E-04	6.07E-04	8.32E-04	6.50E-04	6.51E-04	6.50E-04	4.33E-04	1.90E-04
2232	560724	4192518	8.54E-04	1.07E-03	8.43E-04	8.45E-04	8.43E-04	6.25E-04	3.79E-04	6.11E-04	8.37E-04	6.54E-04	6.55E-04	6.54E-04	4.36E-04	1.91E-04
2233	560726	4192534	8.35E-04	1.05E-03	8.24E-04	8.26E-04	8.24E-04	6.11E-04	3.70E-04	5.97E-04	8.18E-04	6.39E-04	6.41E-04	6.39E-04	4.26E-04	1.87E-04
2234	560729.1	4192551	8.21E-04	1.03E-03	8.10E-04	8.12E-04	8.10E-04	6.01E-04	3.64E-04	5.87E-04	8.04E-04	6.28E-04	6.30E-04	6.28E-04	4.19E-04	1.83E-04
2235	560732.1	4192568	8.09E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.92E-04	3.59E-04	5.78E-04	7.93E-04	6.19E-04	6.21E-04	6.19E-04	4.13E-04	1.81E-04
2236	560716.2	4192536	7.96E-04	1.00E-03	7.86E-04	7.88E-04	7.86E-04	5.83E-04	3.53E-04	5.69E-04	7.80E-04	6.09E-04	6.11E-04	6.09E-04	4.06E-04	1.78E-04
2237	560719.2	4192553	7.83E-04	9.85E-04	7.73E-04	7.75E-04	7.73E-04	5.73E-04	3.48E-04	5.60E-04	7.67E-04	5.99E-04	6.01E-04	5.99E-04	4.00E-04	1.75E-04
2238	560722.3	4192570	7.72E-04	9.71E-04	7.62E-04	7.64E-04	7.62E-04	5.65E-04	3.42E-04	5.52E-04	7.56E-04	5.91E-04	5.92E-04	5.91E-04	3.94E-04	1.72E-04
2239	560706.3	4192538	7.61E-04	9.57E-04	7.51E-04	7.53E-04	7.51E-04	5.57E-04	3.37E-04	5.44E-04	7.45E-04	5.82E-04	5.84E-04	5.82E-04	3.88E-04	1.70E-04
2240	560709.4	4192555	7.48E-04													

2265	560823.2	4192625	1.21E-03	1.52E-03	1.20E-03	1.20E-03	1.20E-03	8.87E-04	5.38E-04	8.67E-04	1.19E-03	9.28E-04	9.30E-04	9.28E-04	6.19E-04	2.71E-04
2266	560817.9	4192615	1.19E-03	1.50E-03	1.17E-03	1.18E-03	1.17E-03	8.71E-04	5.28E-04	8.51E-04	1.17E-03	9.11E-04	9.14E-04	9.11E-04	6.07E-04	2.66E-04
2267	560812.6	4192604	1.17E-03	1.47E-03	1.15E-03	1.16E-03	1.15E-03	8.56E-04	5.19E-04	8.36E-04	1.15E-03	8.95E-04	8.98E-04	8.95E-04	5.97E-04	2.61E-04
2268	560807.3	4192594	1.15E-03	1.45E-03	1.13E-03	1.14E-03	1.13E-03	8.42E-04	5.10E-04	8.22E-04	1.13E-03	8.80E-04	8.82E-04	8.80E-04	5.87E-04	2.57E-04
2269	560802	4192584	1.13E-03	1.42E-03	1.12E-03	1.12E-03	1.12E-03	8.28E-04	5.02E-04	8.09E-04	1.11E-03	8.66E-04	8.68E-04	8.66E-04	5.77E-04	2.53E-04
2270	560796.7	4192574	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.16E-04	4.95E-04	7.97E-04	1.09E-03	8.53E-04	8.55E-04	8.53E-04	5.69E-04	2.49E-04
2271	560837.2	4192672	1.23E-03	1.55E-03	1.22E-03	1.22E-03	1.22E-03	9.03E-04	5.47E-04	8.82E-04	1.21E-03	9.44E-04	9.47E-04	9.44E-04	6.29E-04	2.76E-04
2272	560831.9	4192662	1.21E-03	1.53E-03	1.20E-03	1.20E-03	1.20E-03	8.89E-04	5.39E-04	8.69E-04	1.19E-03	9.30E-04	9.32E-04	9.30E-04	6.20E-04	2.71E-04
2273	560826.6	4192652	1.19E-03	1.50E-03	1.18E-03	1.18E-03	1.18E-03	8.74E-04	5.30E-04	8.54E-04	1.17E-03	9.14E-04	9.17E-04	9.14E-04	6.09E-04	2.67E-04
2274	560821.3	4192642	1.17E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	8.59E-04	5.21E-04	8.39E-04	1.15E-03	8.98E-04	9.00E-04	8.98E-04	5.99E-04	2.62E-04
2275	560816	4192632	1.15E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	8.43E-04	5.11E-04	8.24E-04	1.13E-03	8.82E-04	8.84E-04	8.82E-04	5.88E-04	2.57E-04
2276	560810.7	4192621	1.13E-03	1.42E-03	1.12E-03	1.12E-03	1.12E-03	8.28E-04	5.02E-04	8.09E-04	1.11E-03	8.66E-04	8.68E-04	8.66E-04	5.77E-04	2.53E-04
2277	560805.4	4192611	1.11E-03	1.40E-03	1.10E-03	1.10E-03	1.10E-03	8.13E-04	4.93E-04	7.95E-04	1.09E-03	8.51E-04	8.53E-04	8.51E-04	5.67E-04	2.48E-04
2278	560800.1	4192601	1.09E-03	1.37E-03	1.08E-03	1.08E-03	1.08E-03	8.00E-04	4.85E-04	7.82E-04	1.07E-03	8.36E-04	8.39E-04	8.36E-04	5.58E-04	2.44E-04
2279	560794.8	4192591	1.08E-03	1.35E-03	1.06E-03	1.06E-03	1.06E-03	7.87E-04	4.77E-04	7.69E-04	1.05E-03	8.23E-04	8.25E-04	8.23E-04	5.49E-04	2.40E-04
2280	560789.5	4192581	1.06E-03	1.33E-03	1.05E-03	1.05E-03	1.05E-03	7.75E-04	4.70E-04	7.57E-04	1.04E-03	8.10E-04	8.13E-04	8.10E-04	5.40E-04	2.37E-04
2281	560784.2	4192571	1.04E-03	1.31E-03	1.03E-03	1.03E-03	1.03E-03	7.64E-04	4.63E-04	7.47E-04	1.02E-03	7.99E-04	8.01E-04	7.99E-04	5.33E-04	2.33E-04
2282	560835.5	4192690	1.19E-03	1.50E-03	1.17E-03	1.18E-03	1.17E-03	8.71E-04	5.28E-04	8.51E-04	1.17E-03	9.11E-04	9.13E-04	9.11E-04	6.07E-04	2.66E-04
2283	560830.3	4192680	1.17E-03	1.48E-03	1.16E-03	1.16E-03	1.16E-03	8.60E-04	5.21E-04	8.40E-04	1.15E-03	8.99E-04	9.01E-04	8.99E-04	5.99E-04	2.62E-04
2284	560825.1	4192670	1.16E-03	1.45E-03	1.14E-03	1.14E-03	1.14E-03	8.47E-04	5.13E-04	8.27E-04	1.13E-03	8.85E-04	8.88E-04	8.85E-04	5.90E-04	2.58E-04
2285	560819.9	4192660	1.14E-03	1.43E-03	1.12E-03	1.13E-03	1.12E-03	8.33E-04	5.05E-04	8.14E-04	1.12E-03	8.71E-04	8.73E-04	8.71E-04	5.81E-04	2.54E-04
2286	560814.7	4192650	1.12E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	8.19E-04	4.96E-04	8.00E-04	1.10E-03	8.56E-04	8.58E-04	8.56E-04	5.71E-04	2.50E-04
2287	560809.5	4192640	1.10E-03	1.38E-03	1.08E-03	1.09E-03	1.08E-03	8.04E-04	4.87E-04	7.86E-04	1.08E-03	8.41E-04	8.43E-04	8.41E-04	5.61E-04	2.45E-04
2288	560804.3	4192630	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.90E-04	4.79E-04	7.72E-04	1.06E-03	8.26E-04	8.28E-04	8.26E-04	5.51E-04	2.41E-04
2289	560799.1	4192620	1.06E-03	1.33E-03	1.05E-03	1.05E-03	1.05E-03	7.76E-04	4.71E-04	7.59E-04	1.04E-03	8.12E-04	8.14E-04	8.12E-04	5.41E-04	2.37E-04
2290	560793.8	4192610	1.04E-03	1.31E-03	1.03E-03	1.03E-03	1.03E-03	7.64E-04	4.63E-04	7.46E-04	1.02E-03	7.98E-04	8.01E-04	7.98E-04	5.32E-04	2.33E-04
2291	560788.6	4192600	1.03E-03	1.29E-03	1.01E-03	1.02E-03	1.01E-03	7.52E-04	4.56E-04	7.34E-04	1.01E-03	7.86E-04	7.88E-04	7.86E-04	5.24E-04	2.29E-04
2292	560783.4	4192590	1.01E-03	1.27E-03	9.98E-04	1.00E-03	9.98E-04	7.40E-04	4.49E-04	7.23E-04	9.91E-04	7.74E-04	7.76E-04	7.74E-04	5.16E-04	2.26E-04
2293	560778.2	4192580	9.97E-04	1.25E-03	9.84E-04	9.87E-04	9.84E-04	7.30E-04	4.42E-04	7.13E-04	9.77E-04	7.63E-04	7.65E-04	7.63E-04	5.09E-04	2.23E-04
2294	560828.4	4192697	1.13E-03	1.43E-03	1.12E-03	1.12E-03	1.12E-03	8.30E-04	5.03E-04	8.11E-04	1.11E-03	8.68E-04	8.71E-04	8.68E-04	5.79E-04	2.53E-04
2295	560823.2	4192687	1.12E-03	1.41E-03	1.10E-03	1.11E-03	1.10E-03	8.19E-04	4.97E-04	8.01E-04	1.10E-03	8.57E-04	8.59E-04	8.57E-04	5.71E-04	2.50E-04
2296	560818	4192677	1.10E-03	1.39E-03	1.09E-03	1.09E-03	1.09E-03	8.07E-04	4.89E-04	7.89E-04	1.08E-03	8.44E-04	8.46E-04	8.44E-04	5.63E-04	2.46E-04
2297	560812.8	4192667	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.94E-04	4.81E-04	7.76E-04	1.06E-03	8.30E-04	8.32E-04	8.30E-04	5.54E-04	2.42E-04
2298	560807.5	4192657	1.07E-03	1.34E-03	1.05E-03	1.06E-03	1.05E-03	7.80E-04	4.73E-04	7.62E-04	1.04E-03	8.16E-04	8.18E-04	8.16E-04	5.44E-04	2.38E-04
2299	560802.3	4192647	1.05E-03	1.32E-03	1.03E-03	1.04E-03	1.03E-03	7.67E-04	4.65E-04	7.49E-04	1.03E-03	8.02E-04	8.04E-04	8.02E-04	5.34E-04	2.34E-04
2300	560797.1	4192637	1.03E-03	1.29E-03	1.02E-03	1.02E-03	1.02E-03	7.53E-04	4.57E-04	7.36E-04	1.01E-03	7.87E-04	7.90E-04	7.87E-04	5.25E-04	2.30E-04
2301	560791.9	4192627	1.01E-03	1.27E-03	9.98E-04	1.00E-03	9.98E-04	7.40E-04	4.49E-04	7.23E-04	9.91E-04	7.74E-04	7.76E-04	7.74E-04	5.16E-04	2.26E-04
2302	560786.7	4192617	9.95E-04	1.25E-03	9.82E-04	9.84E-04	9.82E-04	7.28E-04	4.41E-04	7.11E-04	9.75E-04	7.61E-04	7.63E-04	7.61E-04	5.07E-04	2.22E-04
2303	560781.4	4192607	9.79E-04	1.23E-03	9.66E-04	9.69E-04	9.66E-04	7.17E-04	4.34E-04	7.00E-04	9.59E-04	7.49E-04	7.51E-04	7.49E-04	5.00E-04	2.19E-04
2304	560776.2	4192597	9.64E-04	1.21E-03	9.52E-04	9.54E-04	9.52E-04	7.06E-04	4.28E-04	6.90E-04	9.45E-04	7.38E-04	7.40E-04	7.38E-04	4.92E-04	2.15E-04
2305	560771	4192587	9.51E-04	1.20E-03	9.38E-04	9.41E-04	9.38E-04	6.96E-04	4.22E-04	6.80E-04	9.32E-04	7.28E-04	7.30E-04	7.28E-04	4.85E-04	2.12E-04
2306	560765.8	4192577	9.39E-04	1.18E-03	9.27E-04	9.29E-04	9.27E-04	6.87E-04	4.17E-04	6.71E-04	9.20E-04	7.19E-04	7.21E-04	7.19E-04	4.79E-04	2.10E-04
2307	560821.4	4192704	1.08E-03	1.36E-03	1.07E-03	1.07E-03	1.07E-03	7.93E-04	4.80E-04	7.74E-04	1.06E-03	8.29E-04	8.31E-04	8.29E-04	5.53E-04	2.42E-04
2308	560816.1	4192694	1.07E-03	1.34E-03	1.05E-03	1.06E-03	1.05E-03	7.82E-04	4.74E-04	7.64E-04	1.05E-03	8.18E-04	8.20E-04	8.18E-04	5.45E-04	2.39E-04
2309	560810.9	4192684	1.05E-03	1.32E-03	1.04E-03	1.04E-03	1.04E-03	7.70E-04	4.67E-04	7.53E-04	1.03E-03	8.06E-04	8.08E-04	8.06E-04	5.37E-04	2.35E-04
2310	560805.7	4192674	1.04E-03	1.30E-03	1.02E-03	1.02E-03	1.02E-03	7.58E-04	4.59E-04	7.41E-04	1.01E-03	7.92E-04	7.95E-04	7.92E-04	5.28E-04	2.31E-04
2311	560800.4	4192664	1.02E-03	1.28E-03	1.00E-03	1.01E-03	1.00E-03	7.45E-04	4.52E-04	7.28E-04	9.97E-04	7.79E-04	7.81E-04	7.79E-04	5.19E-04	2.27E-04
2312	560795.2	4192654	1.00E-03	1.26E-03	9.87E-04	9.90E-04	9.87E-04	7.32E-04	4.44E-04	7.15E-04	9.80E-04	7.65E-04	7.67E-04	7.65E-04	5.10E-04	2.23E-04
2313	560790	4192644	9.82E-04	1.24E-03	9.70E-04	9.72E-04	9.70E-04	7.19E-04	4.36E-04	7.03E-04	9.63E-04	7.52E-04	7.54E-04	7.52E-04	5.01E-04	2.19E-04
2314	560784.7	4192634	9.66E-04	1.21E-03	9.53E-04	9.56E-04	9.53E-04	7.07E-04	4.28E-04	6.90E-04	9.46E-04	7.39E-04	7.41E-04	7.39E-04	4.93E-04	2.16E-04
2315	560779.5	4192623	9.50E-04	1.19E-03	9.37E-04	9.40E-04	9.37E-04	6.95E-04	4.21E-04	6.79E-04	9.30E-04	7.27E-04	7.29E-04	7.27E-04	4.85E-04	2.12E-04
2316	560774.3	4192613	9.35E-04	1.18E-03	9.22E-04	9.25E-04	9.22E-04	6.84E-04	4.15E-04	6.68E-04	9.16E-04	7.15E-04	7.17E-04	7.15E-04	4.77E-04	2.09E-04
2317	560769	4192603	9.20E-04	1.16E-03	9.08E-04	9.11E-04	9.08E-04	6.74E-04	4.08E-04	6.58E-04	9.02E-04	7.04E-04	7.06E-04	7.04E-04	4.70E-04	2.06E-04
2318	560763.8	4192593	9.08E-04	1.14E-03	8.96E-04	8.98E-04	8.96E-04	6.64E-04	4.03E-04	6.49E-04	8.89E-04	6.95E-04	6.96E-04	6.95E-04	4.63E-04	2.03E-04
2319	560758.6	4192583	8.96E-04	1.13E-03	8.85E-04	8.87E-04	8.85E-04	6.56E-04	3.98E-04	6.41E-04	8.78E-04	6.86E-04	6.88E-04	6.86E-04	4.57E-04	2.00E-04
2320	560814.3	4192711	1.04E-03	1.30E-03	1.02E-03	1.02E-03	1.02E-03	7.58E-04	4.59E-04	7.40E-04	1.01E-03	7.92E-04	7.94E-04	7.92E-04	5.28E-04	2.31E-04
2321	560809	4192701	1.02E-03	1												

2346	560744.1	4192597	8.20E-04	1.03E-03	8.09E-04	8.12E-04	8.09E-04	6.00E-04	3.64E-04	5.87E-04	8.04E-04	6.28E-04	6.29E-04	6.28E-04	4.18E-04	1.83E-04
2347	560738.9	4192587	8.11E-04	1.02E-03	8.01E-04	8.03E-04	8.01E-04	5.94E-04	3.60E-04	5.80E-04	7.95E-04	6.21E-04	6.23E-04	6.21E-04	4.14E-04	1.81E-04
2348	560800.1	4192725	9.49E-04	1.19E-03	9.37E-04	9.39E-04	9.37E-04	6.95E-04	4.21E-04	6.79E-04	9.30E-04	7.26E-04	7.28E-04	7.26E-04	4.84E-04	2.12E-04
2349	560794.9	4192715	9.37E-04	1.18E-03	9.24E-04	9.27E-04	9.24E-04	6.85E-04	4.16E-04	6.70E-04	9.18E-04	7.17E-04	7.19E-04	7.17E-04	4.78E-04	2.09E-04
2350	560789.6	4192705	9.23E-04	1.16E-03	9.11E-04	9.13E-04	9.11E-04	6.75E-04	4.09E-04	6.60E-04	9.04E-04	7.06E-04	7.08E-04	7.06E-04	4.71E-04	2.06E-04
2351	560784.3	4192695	9.08E-04	1.14E-03	8.96E-04	8.98E-04	8.96E-04	6.64E-04	4.03E-04	6.49E-04	8.90E-04	6.95E-04	6.97E-04	6.95E-04	4.63E-04	2.03E-04
2352	560779.1	4192685	8.93E-04	1.12E-03	8.81E-04	8.83E-04	8.81E-04	6.53E-04	3.96E-04	6.38E-04	8.75E-04	6.83E-04	6.85E-04	6.83E-04	4.55E-04	1.99E-04
2353	560773.8	4192674	8.77E-04	1.10E-03	8.66E-04	8.68E-04	8.66E-04	6.42E-04	3.89E-04	6.27E-04	8.59E-04	6.71E-04	6.73E-04	6.71E-04	4.48E-04	1.96E-04
2354	560768.5	4192664	8.62E-04	1.08E-03	8.51E-04	8.53E-04	8.51E-04	6.31E-04	3.82E-04	6.16E-04	8.44E-04	6.60E-04	6.61E-04	6.60E-04	4.40E-04	1.93E-04
2355	560763.3	4192654	8.47E-04	1.07E-03	8.36E-04	8.38E-04	8.36E-04	6.20E-04	3.76E-04	6.06E-04	8.30E-04	6.48E-04	6.50E-04	6.48E-04	4.32E-04	1.89E-04
2356	560758	4192644	8.33E-04	1.05E-03	8.22E-04	8.24E-04	8.22E-04	6.10E-04	3.70E-04	5.96E-04	8.16E-04	6.38E-04	6.39E-04	6.38E-04	4.25E-04	1.86E-04
2357	560752.8	4192634	8.20E-04	1.03E-03	8.09E-04	8.12E-04	8.09E-04	6.00E-04	3.64E-04	5.86E-04	8.03E-04	6.28E-04	6.29E-04	6.28E-04	4.18E-04	1.83E-04
2358	560747.5	4192624	8.07E-04	1.02E-03	7.97E-04	7.99E-04	7.97E-04	5.91E-04	3.58E-04	5.77E-04	7.91E-04	6.18E-04	6.20E-04	6.18E-04	4.12E-04	1.80E-04
2359	560742.2	4192614	7.96E-04	1.00E-03	7.86E-04	7.88E-04	7.86E-04	5.83E-04	3.53E-04	5.69E-04	7.80E-04	6.09E-04	6.11E-04	6.09E-04	4.06E-04	1.78E-04
2360	560737	4192604	7.86E-04	9.88E-04	7.76E-04	7.78E-04	7.76E-04	5.75E-04	3.49E-04	5.62E-04	7.70E-04	6.02E-04	6.03E-04	6.02E-04	4.01E-04	1.76E-04
2361	560731.7	4192594	7.78E-04	9.78E-04	7.67E-04	7.69E-04	7.67E-04	5.69E-04	3.45E-04	5.56E-04	7.62E-04	5.95E-04	5.97E-04	5.95E-04	3.97E-04	1.74E-04
2362	560726.4	4192584	7.70E-04	9.69E-04	7.60E-04	7.62E-04	7.60E-04	5.64E-04	3.42E-04	5.51E-04	7.55E-04	5.89E-04	5.91E-04	5.89E-04	3.93E-04	1.72E-04
2363	560793.1	4192732	9.11E-04	1.15E-03	8.99E-04	9.01E-04	8.99E-04	6.66E-04	4.04E-04	6.51E-04	8.92E-04	6.97E-04	6.99E-04	6.97E-04	4.65E-04	2.03E-04
2364	560787.8	4192722	8.98E-04	1.13E-03	8.87E-04	8.89E-04	8.87E-04	6.58E-04	3.99E-04	6.43E-04	8.80E-04	6.88E-04	6.89E-04	6.88E-04	4.58E-04	2.01E-04
2365	560782.5	4192712	8.85E-04	1.11E-03	8.74E-04	8.76E-04	8.74E-04	6.48E-04	3.93E-04	6.33E-04	8.67E-04	6.77E-04	6.79E-04	6.77E-04	4.52E-04	1.98E-04
2366	560777.2	4192702	8.71E-04	1.10E-03	8.60E-04	8.62E-04	8.60E-04	6.37E-04	3.86E-04	6.23E-04	8.53E-04	6.67E-04	6.68E-04	6.67E-04	4.44E-04	1.95E-04
2367	560772	4192692	8.56E-04	1.08E-03	8.45E-04	8.47E-04	8.45E-04	6.27E-04	3.80E-04	6.12E-04	8.39E-04	6.55E-04	6.57E-04	6.55E-04	4.37E-04	1.91E-04
2368	560767.7	4192681	8.42E-04	1.06E-03	8.31E-04	8.33E-04	8.31E-04	6.16E-04	3.73E-04	6.02E-04	8.25E-04	6.44E-04	6.46E-04	6.44E-04	4.29E-04	1.88E-04
2369	560761.4	4192671	8.27E-04	1.04E-03	8.16E-04	8.18E-04	8.16E-04	6.05E-04	3.67E-04	5.91E-04	8.10E-04	6.33E-04	6.35E-04	6.33E-04	4.22E-04	1.85E-04
2370	560756.1	4192661	8.13E-04	1.02E-03	8.02E-04	8.04E-04	8.02E-04	5.95E-04	3.61E-04	5.81E-04	7.97E-04	6.22E-04	6.24E-04	6.22E-04	4.15E-04	1.82E-04
2371	560750.9	4192651	7.99E-04	1.01E-03	7.89E-04	7.91E-04	7.89E-04	5.85E-04	3.55E-04	5.72E-04	7.83E-04	6.12E-04	6.13E-04	6.12E-04	4.08E-04	1.79E-04
2372	560745.6	4192641	7.87E-04	9.89E-04	7.76E-04	7.79E-04	7.76E-04	5.76E-04	3.49E-04	5.63E-04	7.71E-04	6.02E-04	6.04E-04	6.02E-04	4.01E-04	1.76E-04
2373	560740.3	4192631	7.75E-04	9.74E-04	7.65E-04	7.67E-04	7.65E-04	5.67E-04	3.44E-04	5.54E-04	7.59E-04	5.93E-04	5.95E-04	5.93E-04	3.95E-04	1.73E-04
2374	560735	4192621	7.64E-04	9.61E-04	7.54E-04	7.56E-04	7.54E-04	5.59E-04	3.39E-04	5.46E-04	7.48E-04	5.85E-04	5.86E-04	5.85E-04	3.90E-04	1.71E-04
2375	560729.8	4192611	7.54E-04	9.49E-04	7.44E-04	7.46E-04	7.44E-04	5.52E-04	3.35E-04	5.39E-04	7.39E-04	5.77E-04	5.79E-04	5.77E-04	3.85E-04	1.68E-04
2376	560724.5	4192601	7.46E-04	9.38E-04	7.36E-04	7.38E-04	7.36E-04	5.46E-04	3.31E-04	5.33E-04	7.31E-04	5.71E-04	5.72E-04	5.71E-04	3.81E-04	1.67E-04
2377	560719.2	4192590	7.39E-04	9.29E-04	7.29E-04	7.31E-04	7.29E-04	5.41E-04	3.28E-04	5.28E-04	7.24E-04	5.65E-04	5.67E-04	5.65E-04	3.77E-04	1.65E-04
2378	560786	4192739	8.74E-04	1.10E-03	8.63E-04	8.65E-04	8.63E-04	6.40E-04	3.88E-04	6.25E-04	8.57E-04	6.69E-04	6.71E-04	6.69E-04	4.46E-04	1.95E-04
2379	560780.7	4192729	8.63E-04	1.08E-03	8.51E-04	8.54E-04	8.51E-04	6.31E-04	3.83E-04	6.17E-04	8.45E-04	6.60E-04	6.62E-04	6.60E-04	4.40E-04	1.93E-04
2380	560775.4	4192719	8.50E-04	1.07E-03	8.39E-04	8.41E-04	8.39E-04	6.22E-04	3.77E-04	6.08E-04	8.33E-04	6.50E-04	6.52E-04	6.50E-04	4.34E-04	1.90E-04
2381	560770.1	4192709	8.36E-04	1.05E-03	8.26E-04	8.28E-04	8.26E-04	6.12E-04	3.71E-04	5.98E-04	8.20E-04	6.40E-04	6.42E-04	6.40E-04	4.27E-04	1.87E-04
2382	560764.9	4192699	8.22E-04	1.03E-03	8.12E-04	8.14E-04	8.12E-04	6.02E-04	3.65E-04	5.88E-04	8.06E-04	6.29E-04	6.31E-04	6.29E-04	4.20E-04	1.84E-04
2383	560759.6	4192688	8.08E-04	1.02E-03	7.98E-04	8.00E-04	7.98E-04	5.92E-04	3.59E-04	5.78E-04	7.92E-04	6.19E-04	6.20E-04	6.19E-04	4.12E-04	1.81E-04
2384	560754.3	4192678	7.94E-04	9.99E-04	7.84E-04	7.86E-04	7.84E-04	5.81E-04	3.52E-04	5.68E-04	7.78E-04	6.08E-04	6.10E-04	6.08E-04	4.05E-04	1.77E-04
2385	560749	4192668	7.81E-04	9.82E-04	7.71E-04	7.73E-04	7.71E-04	5.72E-04	3.46E-04	5.58E-04	7.65E-04	5.98E-04	5.99E-04	5.98E-04	3.98E-04	1.74E-04
2386	560743.7	4192658	7.68E-04	9.66E-04	7.58E-04	7.60E-04	7.58E-04	5.62E-04	3.41E-04	5.49E-04	7.53E-04	5.88E-04	5.89E-04	5.88E-04	3.92E-04	1.72E-04
2387	560738.4	4192648	7.56E-04	9.50E-04	7.46E-04	7.48E-04	7.46E-04	5.53E-04	3.35E-04	5.40E-04	7.41E-04	5.78E-04	5.80E-04	5.78E-04	3.86E-04	1.69E-04
2388	560733.2	4192638	7.44E-04	9.36E-04	7.34E-04	7.36E-04	7.34E-04	5.45E-04	3.30E-04	5.32E-04	7.29E-04	5.69E-04	5.71E-04	5.69E-04	3.80E-04	1.66E-04
2389	560727.9	4192628	7.34E-04	9.23E-04	7.24E-04	7.26E-04	7.24E-04	5.37E-04	3.25E-04	5.25E-04	7.19E-04	5.61E-04	5.63E-04	5.61E-04	3.74E-04	1.64E-04
2390	560722.6	4192618	7.24E-04	9.11E-04	7.15E-04	7.17E-04	7.15E-04	5.30E-04	3.21E-04	5.18E-04	7.10E-04	5.54E-04	5.56E-04	5.54E-04	3.70E-04	1.62E-04
2391	560717.3	4192607	7.17E-04	9.01E-04	7.07E-04	7.09E-04	7.07E-04	5.24E-04	3.18E-04	5.12E-04	7.02E-04	5.48E-04	5.50E-04	5.48E-04	3.66E-04	1.60E-04
2392	560712	4192597	7.10E-04	8.92E-04	7.00E-04	7.02E-04	7.00E-04	5.19E-04	3.15E-04	5.07E-04	6.95E-04	5.43E-04	5.45E-04	5.43E-04	3.62E-04	1.59E-04
2393	560706.7	4192587	7.04E-04	8.85E-04	6.95E-04	6.96E-04	6.95E-04	5.15E-04	3.12E-04	5.03E-04	6.90E-04	5.39E-04	5.40E-04	5.39E-04	3.59E-04	1.57E-04
2394	560778.9	4192746	8.41E-04	1.06E-03	8.30E-04	8.32E-04	8.30E-04	6.15E-04	3.73E-04	6.01E-04	8.24E-04	6.43E-04	6.45E-04	6.43E-04	4.29E-04	1.88E-04
2395	560773.6	4192736	8.29E-04	1.04E-03	8.18E-04	8.21E-04	8.18E-04	6.07E-04	3.68E-04	5.93E-04	8.13E-04	6.35E-04	6.36E-04	6.35E-04	4.23E-04	1.85E-04
2396	560768.3	4192726	8.17E-04	1.03E-03	8.06E-04	8.09E-04	8.06E-04	5.98E-04	3.63E-04	5.84E-04	8.01E-04	6.25E-04	6.27E-04	6.25E-04	4.17E-04	1.83E-04
2397	560763	4192716	8.04E-04	1.01E-03	7.94E-04	7.96E-04	7.94E-04	5.89E-04	3.57E-04	5.75E-04	7.88E-04	6.15E-04	6.17E-04	6.15E-04	4.10E-04	1.80E-04
2398	560757.8	4192706	7.91E-04	9.94E-04	7.80E-04	7.83E-04	7.80E-04	5.79E-04	3.51E-04	5.66E-04	7.75E-04	6.05E-04	6.07E-04	6.05E-04	4.03E-04	1.77E-04
2399	560752.5	4192695	7.77E-04	9.77E-04	7.67E-04	7.69E-04	7.67E-04	5.69E-04	3.45E-04	5.56E-04	7.62E-04	5.95E-04	5.96E-04	5.95E-04	3.97E-04	1.74E-04
2400	560747.2	4192685	7.64E-04	9.61E-04	7.54E-04	7.56E-04	7.54E-04	5.59E-04	3.39E-04	5.46E-04	7.49E-04	5.85E-04	5.86E-04	5.85E-04	3.90E-04	1.71E-04
2401	560741.9	4192675	7.51E-04	9.44E-04	7.41E-04	7.43E-04	7.41E-04	5.50E-04	3.33E-04	5.37E-04	7.36E-04	5.75E-04	5.76E-04	5.75E-04	3.83E-04	1.68E-04
2402	560736.6	4192665	7.39E-04	9.2												

Max Yr Row	1 32		T4iRev 4.44E-02	T4fRev 3.17E-02
	Col Adjustment		4 100%	5 72%
			Year 1	Year 1
1	560828.8	4192712	5.55E-03	3.97E-03
2	560833.9	4192728	5.54E-03	3.96E-03
3	560824.7	4192721	5.37E-03	3.84E-03
4	560827.4	4192736	5.31E-03	3.80E-03
5	560817.8	4192728	5.14E-03	3.67E-03
6	560832.6	4192752	5.27E-03	3.77E-03
7	560823.2	4192745	5.13E-03	3.67E-03
8	560813.8	4192738	4.97E-03	3.56E-03
9	560828.2	4192761	5.09E-03	3.64E-03
10	560818.9	4192754	4.96E-03	3.54E-03
11	560809.6	4192747	4.81E-03	3.44E-03
12	560800.4	4192740	4.66E-03	3.33E-03
13	560831.7	4192776	5.01E-03	3.59E-03
14	560822.1	4192769	4.90E-03	3.50E-03
15	560812.5	4192762	4.77E-03	3.41E-03
16	560802.9	4192754	4.62E-03	3.31E-03
17	560793.4	4192747	4.48E-03	3.20E-03
18	560827.1	4192785	4.84E-03	3.46E-03
19	560817.7	4192778	4.73E-03	3.38E-03
20	560808.2	4192771	4.61E-03	3.30E-03
21	560798.8	4192764	4.48E-03	3.21E-03
22	560789.4	4192756	4.35E-03	3.11E-03
23	560998.7	4192564	3.60E-02	2.58E-02
24	561014.6	4192568	4.00E-02	2.86E-02
25	561030.5	4192573	4.16E-02	2.98E-02
26	560991.4	4192572	3.02E-02	2.16E-02
27	561004.1	4192576	3.29E-02	2.35E-02
28	561020	4192580	3.53E-02	2.52E-02
29	561035.9	4192584	3.65E-02	2.61E-02
30	560987.6	4192581	2.65E-02	1.89E-02
31	561001.5	4192585	2.87E-02	2.06E-02
32	561017.4	4192590	3.08E-02	2.20E-02
33	561033.2	4192594	3.21E-02	2.30E-02
34	560983.8	4192590	2.35E-02	1.68E-02
35	560998.9	4192595	2.55E-02	1.83E-02
36	561014.8	4192599	2.73E-02	1.95E-02
37	561030.6	4192604	2.86E-02	2.04E-02
38	560982.8	4192600	2.15E-02	1.54E-02
39	560996.3	4192605	2.29E-02	1.64E-02
40	561012.2	4192609	2.45E-02	1.75E-02
41	561028	4192613	2.56E-02	1.83E-02
42	560979.4	4192610	1.95E-02	1.40E-02
43	560993.7	4192614	2.08E-02	1.49E-02
44	561009.5	4192619	2.21E-02	1.58E-02
45	561025.4	4192623	2.32E-02	1.66E-02
46	560976	4192619	1.79E-02	1.28E-02

47	560991.1	4192624	1.90E-02	1.36E-02
48	561006.9	4192628	2.02E-02	1.44E-02
49	561022.8	4192633	2.11E-02	1.51E-02
50	560974.6	4192629	1.66E-02	1.19E-02
51	560962.8	4192624	1.58E-02	1.13E-02
52	560988.5	4192634	1.75E-02	1.25E-02
53	561004.3	4192638	1.85E-02	1.32E-02
54	561020.2	4192642	1.93E-02	1.38E-02
55	560971.4	4192639	1.54E-02	1.10E-02
56	560958.4	4192633	1.46E-02	1.05E-02
57	560985.9	4192643	1.62E-02	1.16E-02
58	561001.7	4192648	1.70E-02	1.22E-02
59	561017.6	4192652	1.77E-02	1.27E-02
60	560968.2	4192648	1.43E-02	1.03E-02
61	560954.1	4192642	1.36E-02	9.73E-03
62	560983.2	4192653	1.51E-02	1.08E-02
63	560999.1	4192657	1.58E-02	1.13E-02
64	561015	4192662	1.63E-02	1.17E-02
65	560966.6	4192658	1.35E-02	9.62E-03
66	560954.3	4192653	1.29E-02	9.24E-03
67	560980.6	4192663	1.40E-02	1.00E-02
68	560996.5	4192667	1.47E-02	1.05E-02
69	561012.4	4192671	1.51E-02	1.08E-02
70	560963.5	4192667	1.26E-02	9.01E-03
71	560950.3	4192662	1.21E-02	8.66E-03
72	560978	4192672	1.31E-02	9.39E-03
73	560993.9	4192677	1.37E-02	9.77E-03
74	561009.8	4192681	1.41E-02	1.01E-02
75	560960.4	4192677	1.18E-02	8.47E-03
76	560946.2	4192671	1.14E-02	8.13E-03
77	560975.4	4192682	1.23E-02	8.81E-03
78	560991.3	4192686	1.28E-02	9.13E-03
79	561007.2	4192691	1.31E-02	9.37E-03
80	560957.3	4192686	1.12E-02	7.98E-03
81	560942.2	4192680	1.07E-02	7.66E-03
82	560972.8	4192692	1.16E-02	8.28E-03
83	560988.7	4192696	1.20E-02	8.56E-03
84	561004.6	4192700	1.23E-02	8.77E-03
85	560955.6	4192696	1.06E-02	7.56E-03
86	560942.2	4192691	1.02E-02	7.32E-03
87	560970.2	4192701	1.09E-02	7.80E-03
88	560986.1	4192706	1.13E-02	8.05E-03
89	561002	4192710	1.15E-02	8.22E-03
90	560952.6	4192706	1.00E-02	7.15E-03
91	560938.4	4192700	9.68E-03	6.92E-03
92	560967.6	4192711	1.03E-02	7.37E-03
93	560983.5	4192715	1.06E-02	7.58E-03
94	560999.4	4192720	1.08E-02	7.72E-03
95	560949.6	4192715	9.47E-03	6.78E-03
96	560934.7	4192709	9.18E-03	6.56E-03
97	560965	4192721	9.75E-03	6.97E-03
98	560980.9	4192725	1.00E-02	7.15E-03

99	560996.8	4192729	1.02E-02	7.28E-03
100	560947.7	4192725	9.01E-03	6.44E-03
101	560934.2	4192720	8.78E-03	6.28E-03
102	560962.4	4192730	9.24E-03	6.61E-03
103	560978.3	4192735	9.46E-03	6.76E-03
104	560994.2	4192739	9.60E-03	6.87E-03
105	560939.9	4192754	7.79E-03	5.57E-03
106	560926.3	4192749	7.63E-03	5.46E-03
107	560954.6	4192759	7.94E-03	5.68E-03
108	560970.5	4192764	8.08E-03	5.78E-03
109	560986.4	4192768	8.16E-03	5.84E-03
110	560937	4192764	7.43E-03	5.32E-03
111	560922.8	4192758	7.29E-03	5.22E-03
112	560952	4192769	7.57E-03	5.41E-03
113	560967.9	4192773	7.69E-03	5.50E-03
114	560983.8	4192777	7.76E-03	5.55E-03
115	560934.1	4192773	7.11E-03	5.08E-03
116	560919.3	4192767	6.98E-03	4.99E-03
117	560949.4	4192779	7.22E-03	5.17E-03
118	560965.3	4192783	7.33E-03	5.24E-03
119	560981.2	4192787	7.39E-03	5.28E-03
120	560932	4192783	6.80E-03	4.87E-03
121	560918.4	4192778	6.70E-03	4.79E-03
122	560946.8	4192788	6.90E-03	4.94E-03
123	560962.7	4192793	6.99E-03	5.00E-03
124	560978.6	4192797	7.04E-03	5.04E-03
125	560929.2	4192793	6.52E-03	4.66E-03
126	560915	4192787	6.42E-03	4.59E-03
127	560944.2	4192798	6.60E-03	4.72E-03
128	560960.1	4192802	6.68E-03	4.78E-03
129	560976	4192806	6.72E-03	4.81E-03
130	560926.3	4192802	6.25E-03	4.47E-03
131	560911.6	4192796	6.16E-03	4.41E-03
132	560941.6	4192808	6.32E-03	4.52E-03
133	560957.5	4192812	6.39E-03	4.57E-03
134	560973.4	4192816	6.42E-03	4.59E-03
135	560924.2	4192812	6.00E-03	4.29E-03
136	560910.5	4192807	5.93E-03	4.24E-03
137	560939	4192817	6.06E-03	4.34E-03
138	560954.9	4192821	6.12E-03	4.38E-03
139	560970.8	4192826	6.15E-03	4.40E-03
140	560921.4	4192822	5.76E-03	4.12E-03
141	560907.2	4192816	5.70E-03	4.08E-03
142	560936.4	4192827	5.82E-03	4.16E-03
143	560952.3	4192831	5.87E-03	4.20E-03
144	560968.2	4192835	5.89E-03	4.21E-03
145	560918.5	4192831	5.54E-03	3.96E-03
146	560903.9	4192825	5.48E-03	3.92E-03
147	560933.8	4192837	5.59E-03	4.00E-03
148	560949.7	4192841	5.63E-03	4.03E-03
149	560965.6	4192845	5.65E-03	4.04E-03
150	561056.9	4192580	4.28E-02	3.06E-02

151	561066.1	4192582	4.36E-02	3.12E-02
152	561075.3	4192585	4.42E-02	3.16E-02
153	561084.5	4192587	4.44E-02	3.17E-02
154	561093.8	4192590	4.40E-02	3.15E-02
155	561103	4192592	4.31E-02	3.08E-02
156	561112.2	4192595	4.15E-02	2.97E-02
157	561121.4	4192597	3.92E-02	2.80E-02
158	561130.6	4192600	3.62E-02	2.59E-02
159	561054.3	4192589	3.75E-02	2.68E-02
160	561063.5	4192592	3.80E-02	2.71E-02
161	561072.7	4192594	3.82E-02	2.74E-02
162	561081.9	4192597	3.83E-02	2.74E-02
163	561091.2	4192599	3.79E-02	2.71E-02
164	561100.4	4192602	3.71E-02	2.65E-02
165	561109.6	4192604	3.57E-02	2.56E-02
166	561118.8	4192607	3.39E-02	2.42E-02
167	561128	4192609	3.16E-02	2.26E-02
168	561051.7	4192599	3.31E-02	2.37E-02
169	561060.9	4192602	3.34E-02	2.39E-02
170	561070.1	4192604	3.36E-02	2.40E-02
171	561079.3	4192606	3.35E-02	2.39E-02
172	561088.5	4192609	3.31E-02	2.37E-02
173	561097.8	4192611	3.24E-02	2.31E-02
174	561107	4192614	3.12E-02	2.23E-02
175	561116.2	4192616	2.98E-02	2.13E-02
176	561125.4	4192619	2.80E-02	2.00E-02
177	561049.1	4192609	2.95E-02	2.11E-02
178	561058.3	4192611	2.98E-02	2.13E-02
179	561067.5	4192614	2.98E-02	2.13E-02
180	561076.7	4192616	2.97E-02	2.12E-02
181	561085.9	4192619	2.93E-02	2.09E-02
182	561095.2	4192621	2.86E-02	2.05E-02
183	561104.4	4192624	2.77E-02	1.98E-02
184	561113.6	4192626	2.65E-02	1.89E-02
185	561122.8	4192629	2.50E-02	1.79E-02
186	561046.5	4192618	2.65E-02	1.89E-02
187	561055.7	4192621	2.67E-02	1.91E-02
188	561064.9	4192623	2.67E-02	1.91E-02
189	561074.1	4192626	2.65E-02	1.90E-02
190	561083.3	4192628	2.62E-02	1.87E-02
191	561092.6	4192631	2.56E-02	1.83E-02
192	561101.8	4192633	2.48E-02	1.77E-02
193	561111	4192636	2.38E-02	1.70E-02
194	561120.2	4192638	2.26E-02	1.62E-02
195	561043.9	4192628	2.39E-02	1.71E-02
196	561053.1	4192630	2.41E-02	1.72E-02
197	561062.3	4192633	2.41E-02	1.72E-02
198	561071.5	4192635	2.39E-02	1.71E-02
199	561080.7	4192638	2.36E-02	1.69E-02
200	561090	4192640	2.31E-02	1.65E-02
201	561099.2	4192643	2.24E-02	1.60E-02
202	561108.4	4192645	2.15E-02	1.54E-02

203	561117.6	4192648	2.06E-02	1.47E-02
204	561041.3	4192638	2.17E-02	1.55E-02
205	561050.5	4192640	2.18E-02	1.56E-02
206	561059.7	4192643	2.18E-02	1.56E-02
207	561068.9	4192645	2.17E-02	1.55E-02
208	561078.1	4192648	2.14E-02	1.53E-02
209	561087.3	4192650	2.09E-02	1.50E-02
210	561096.6	4192653	2.03E-02	1.45E-02
211	561105.8	4192655	1.96E-02	1.40E-02
212	561115	4192658	1.88E-02	1.35E-02
213	561038.7	4192647	1.98E-02	1.42E-02
214	561047.9	4192650	1.99E-02	1.42E-02
215	561057.1	4192652	1.99E-02	1.42E-02
216	561066.3	4192655	1.98E-02	1.41E-02
217	561075.5	4192657	1.95E-02	1.39E-02
218	561084.7	4192660	1.91E-02	1.37E-02
219	561094	4192662	1.86E-02	1.33E-02
220	561103.2	4192665	1.80E-02	1.29E-02
221	561112.4	4192667	1.73E-02	1.24E-02
222	561036	4192657	1.82E-02	1.30E-02
223	561045.3	4192659	1.83E-02	1.31E-02
224	561054.5	4192662	1.82E-02	1.30E-02
225	561063.7	4192664	1.81E-02	1.30E-02
226	561072.9	4192667	1.79E-02	1.28E-02
227	561082.1	4192669	1.75E-02	1.25E-02
228	561091.4	4192672	1.71E-02	1.22E-02
229	561100.6	4192674	1.66E-02	1.19E-02
230	561109.8	4192677	1.60E-02	1.15E-02
231	561033.4	4192667	1.67E-02	1.20E-02
232	561042.7	4192669	1.68E-02	1.20E-02
233	561051.9	4192672	1.68E-02	1.20E-02
234	561061.1	4192674	1.67E-02	1.19E-02
235	561070.3	4192677	1.65E-02	1.18E-02
236	561079.5	4192679	1.62E-02	1.16E-02
237	561088.7	4192682	1.58E-02	1.13E-02
238	561098	4192684	1.54E-02	1.10E-02
239	561107.2	4192686	1.49E-02	1.06E-02
240	561030.8	4192676	1.54E-02	1.10E-02
241	561040.1	4192679	1.55E-02	1.11E-02
242	561049.3	4192681	1.55E-02	1.11E-02
243	561058.5	4192684	1.54E-02	1.10E-02
244	561067.7	4192686	1.52E-02	1.09E-02
245	561076.9	4192689	1.50E-02	1.07E-02
246	561086.1	4192691	1.46E-02	1.05E-02
247	561095.4	4192694	1.43E-02	1.02E-02
248	561104.6	4192696	1.39E-02	9.91E-03
249	561028.2	4192686	1.43E-02	1.02E-02
250	561037.4	4192688	1.44E-02	1.03E-02
251	561046.7	4192691	1.43E-02	1.03E-02
252	561055.9	4192693	1.43E-02	1.02E-02
253	561065.1	4192696	1.41E-02	1.01E-02
254	561074.3	4192698	1.39E-02	9.93E-03

255	561083.5	4192701	1.36E-02	9.74E-03
256	561092.8	4192703	1.33E-02	9.51E-03
257	561102	4192706	1.29E-02	9.25E-03
258	561034.8	4192698	1.34E-02	9.55E-03
259	561044.1	4192701	1.33E-02	9.54E-03
260	561053.3	4192703	1.33E-02	9.48E-03
261	561062.5	4192706	1.31E-02	9.38E-03
262	561071.7	4192708	1.29E-02	9.25E-03
263	561080.9	4192710	1.27E-02	9.08E-03
264	561090.2	4192713	1.24E-02	8.88E-03
265	561099.4	4192715	1.21E-02	8.66E-03
266	561032.2	4192708	1.25E-02	8.91E-03
267	561041.5	4192710	1.24E-02	8.89E-03
268	561050.7	4192713	1.24E-02	8.84E-03
269	561059.9	4192715	1.22E-02	8.75E-03
270	561069.1	4192718	1.21E-02	8.64E-03
271	561078.3	4192720	1.19E-02	8.49E-03
272	561087.5	4192723	1.16E-02	8.32E-03
273	561096.8	4192725	1.14E-02	8.13E-03
274	561029.6	4192717	1.17E-02	8.33E-03
275	561038.9	4192720	1.16E-02	8.31E-03
276	561048.1	4192722	1.16E-02	8.27E-03
277	561057.3	4192725	1.15E-02	8.19E-03
278	561066.5	4192727	1.13E-02	8.09E-03
279	561075.7	4192730	1.11E-02	7.96E-03
280	561084.9	4192732	1.09E-02	7.81E-03
281	561094.2	4192735	1.07E-02	7.64E-03
282	561027	4192727	1.09E-02	7.81E-03
283	561036.2	4192729	1.09E-02	7.79E-03
284	561045.5	4192732	1.08E-02	7.75E-03
285	561054.7	4192734	1.07E-02	7.68E-03
286	561063.9	4192737	1.06E-02	7.59E-03
287	561073.1	4192739	1.05E-02	7.48E-03
288	561082.3	4192742	1.03E-02	7.35E-03
289	561091.6	4192744	1.01E-02	7.20E-03
290	561024.4	4192737	1.03E-02	7.34E-03
291	561033.6	4192739	1.02E-02	7.32E-03
292	561042.9	4192742	1.02E-02	7.28E-03
293	561052.1	4192744	1.01E-02	7.22E-03
294	561061.3	4192747	9.99E-03	7.14E-03
295	561070.5	4192749	9.85E-03	7.04E-03
296	561079.7	4192752	9.69E-03	6.93E-03
297	561089	4192754	9.51E-03	6.80E-03
298	561021.8	4192746	9.67E-03	6.92E-03
299	561031	4192749	9.64E-03	6.90E-03
300	561040.3	4192751	9.59E-03	6.86E-03
301	561049.5	4192754	9.51E-03	6.80E-03
302	561058.7	4192756	9.41E-03	6.73E-03
303	561067.9	4192759	9.29E-03	6.64E-03
304	561077.1	4192761	9.15E-03	6.54E-03
305	561086.3	4192764	8.99E-03	6.43E-03
306	561019.2	4192756	9.13E-03	6.53E-03

307	561028.4	4192758	9.10E-03	6.51E-03
308	561037.6	4192761	9.05E-03	6.47E-03
309	561046.9	4192763	8.98E-03	6.42E-03
310	561056.1	4192766	8.89E-03	6.36E-03
311	561065.3	4192768	8.78E-03	6.28E-03
312	561074.5	4192771	8.66E-03	6.19E-03
313	561083.7	4192773	8.52E-03	6.09E-03
314	561016.6	4192766	8.64E-03	6.18E-03
315	561025.8	4192768	8.61E-03	6.16E-03
316	561035	4192771	8.56E-03	6.12E-03
317	561044.3	4192773	8.50E-03	6.08E-03
318	561053.5	4192776	8.41E-03	6.02E-03
319	561062.7	4192778	8.32E-03	5.95E-03
320	561071.9	4192781	8.20E-03	5.87E-03
321	561081.1	4192783	8.08E-03	5.78E-03
322	561014	4192775	8.18E-03	5.85E-03
323	561023.2	4192778	8.15E-03	5.83E-03
324	561032.4	4192780	8.11E-03	5.80E-03
325	561041.7	4192783	8.05E-03	5.76E-03
326	561050.9	4192785	7.98E-03	5.70E-03
327	561060.1	4192788	7.89E-03	5.64E-03
328	561069.3	4192790	7.79E-03	5.57E-03
329	561078.5	4192793	7.68E-03	5.49E-03
330	561011.4	4192785	7.77E-03	5.55E-03
331	561020.6	4192787	7.74E-03	5.53E-03
332	561029.8	4192790	7.70E-03	5.50E-03
333	561039.1	4192792	7.64E-03	5.46E-03
334	561048.3	4192795	7.57E-03	5.42E-03
335	561057.5	4192797	7.49E-03	5.36E-03
336	561066.7	4192800	7.40E-03	5.29E-03
337	561075.9	4192802	7.30E-03	5.22E-03
338	561008.8	4192795	7.39E-03	5.28E-03
339	561018	4192797	7.36E-03	5.26E-03
340	561027.2	4192800	7.32E-03	5.23E-03
341	561036.4	4192802	7.27E-03	5.20E-03
342	561045.7	4192805	7.20E-03	5.15E-03
343	561054.9	4192807	7.13E-03	5.10E-03
344	561064.1	4192810	7.05E-03	5.04E-03
345	561073.3	4192812	6.96E-03	4.97E-03
346	561006.2	4192804	7.03E-03	5.03E-03
347	561015.4	4192807	7.00E-03	5.01E-03
348	561024.6	4192809	6.97E-03	4.98E-03
349	561033.8	4192812	6.92E-03	4.95E-03
350	561043.1	4192814	6.86E-03	4.91E-03
351	561052.3	4192817	6.79E-03	4.86E-03
352	561061.5	4192819	6.72E-03	4.80E-03
353	561070.7	4192822	6.64E-03	4.75E-03
354	561003.6	4192814	6.71E-03	4.80E-03
355	561012.8	4192816	6.68E-03	4.78E-03
356	561022	4192819	6.64E-03	4.75E-03
357	561031.2	4192821	6.60E-03	4.72E-03
358	561040.5	4192824	6.54E-03	4.68E-03

359	561049.7	4192826	6.48E-03	4.63E-03
360	561058.9	4192829	6.41E-03	4.59E-03
361	561068.1	4192831	6.34E-03	4.53E-03
362	561001	4192824	6.40E-03	4.58E-03
363	561010.2	4192826	6.38E-03	4.56E-03
364	561019.4	4192829	6.34E-03	4.54E-03
365	561028.6	4192831	6.30E-03	4.50E-03
366	561037.9	4192834	6.25E-03	4.47E-03
367	561047.1	4192836	6.19E-03	4.43E-03
368	561056.3	4192838	6.13E-03	4.38E-03
369	561065.5	4192841	6.06E-03	4.33E-03
370	560998.4	4192833	6.12E-03	4.38E-03
371	561007.6	4192836	6.10E-03	4.36E-03
372	561016.8	4192838	6.06E-03	4.34E-03
373	561026	4192841	6.02E-03	4.31E-03
374	561035.2	4192843	5.97E-03	4.27E-03
375	561044.5	4192846	5.92E-03	4.23E-03
376	561053.7	4192848	5.86E-03	4.19E-03
377	561062.9	4192851	5.80E-03	4.15E-03
378	560995.8	4192843	5.86E-03	4.19E-03
379	561005	4192845	5.83E-03	4.17E-03
380	561014.2	4192848	5.80E-03	4.15E-03
381	561023.4	4192850	5.76E-03	4.12E-03
382	561032.6	4192853	5.72E-03	4.09E-03
383	561041.9	4192855	5.67E-03	4.06E-03
384	561051.1	4192858	5.62E-03	4.02E-03
385	561060.3	4192860	5.56E-03	3.97E-03
386	560993.2	4192853	5.62E-03	4.02E-03
387	561002.4	4192855	5.59E-03	4.00E-03
388	561011.6	4192857	5.56E-03	3.98E-03
389	561020.8	4192860	5.52E-03	3.95E-03
390	561030	4192862	5.48E-03	3.92E-03
391	561039.3	4192865	5.44E-03	3.89E-03
392	561048.5	4192867	5.39E-03	3.85E-03
393	561057.7	4192870	5.33E-03	3.81E-03
394	561179.1	4192570	2.63E-02	1.88E-02
395	561181.2	4192560	2.73E-02	1.95E-02
396	561183.4	4192551	2.82E-02	2.02E-02
397	561185.5	4192541	2.90E-02	2.08E-02
398	561187.6	4192532	2.97E-02	2.12E-02
399	561189.7	4192522	3.02E-02	2.16E-02
400	561191.9	4192512	3.05E-02	2.18E-02
401	561194	4192503	3.06E-02	2.19E-02
402	561196.1	4192493	3.07E-02	2.20E-02
403	561198.3	4192483	3.07E-02	2.20E-02
404	561200.4	4192474	3.05E-02	2.18E-02
405	561202.5	4192464	3.01E-02	2.15E-02
406	561204.7	4192455	2.97E-02	2.12E-02
407	561206.8	4192445	2.95E-02	2.11E-02
408	561208.9	4192435	2.93E-02	2.09E-02
409	561211.1	4192426	2.91E-02	2.08E-02
410	561213.2	4192416	2.88E-02	2.06E-02

411	561215.3	4192406	2.85E-02	2.04E-02
412	561188.8	4192572	2.24E-02	1.60E-02
413	561191	4192563	2.31E-02	1.65E-02
414	561193.1	4192553	2.38E-02	1.70E-02
415	561195.2	4192543	2.44E-02	1.74E-02
416	561197.4	4192534	2.49E-02	1.78E-02
417	561199.5	4192524	2.53E-02	1.81E-02
418	561201.6	4192514	2.56E-02	1.83E-02
419	561203.8	4192505	2.58E-02	1.84E-02
420	561205.9	4192495	2.59E-02	1.85E-02
421	561208	4192486	2.59E-02	1.85E-02
422	561210.2	4192476	2.57E-02	1.84E-02
423	561212.3	4192466	2.55E-02	1.82E-02
424	561214.4	4192457	2.53E-02	1.81E-02
425	561216.6	4192447	2.51E-02	1.79E-02
426	561218.7	4192437	2.49E-02	1.78E-02
427	561220.8	4192428	2.47E-02	1.76E-02
428	561223	4192418	2.44E-02	1.74E-02
429	561225.1	4192409	2.40E-02	1.72E-02
430	561229.4	4192389	2.32E-02	1.66E-02
431	561179.3	4192608	1.98E-02	1.41E-02
432	561163.8	4192617	2.16E-02	1.54E-02
433	561196.5	4192584	1.89E-02	1.35E-02
434	561198.6	4192574	1.94E-02	1.39E-02
435	561200.7	4192565	1.99E-02	1.42E-02
436	561202.9	4192555	2.04E-02	1.46E-02
437	561205	4192545	2.08E-02	1.49E-02
438	561207.1	4192536	2.12E-02	1.52E-02
439	561209.3	4192526	2.16E-02	1.54E-02
440	561211.4	4192517	2.18E-02	1.56E-02
441	561213.5	4192507	2.20E-02	1.57E-02
442	561215.7	4192497	2.20E-02	1.58E-02
443	561217.8	4192488	2.21E-02	1.58E-02
444	561219.9	4192478	2.20E-02	1.57E-02
445	561222.1	4192469	2.19E-02	1.56E-02
446	561224.2	4192459	2.17E-02	1.55E-02
447	561226.3	4192449	2.16E-02	1.54E-02
448	561228.5	4192440	2.14E-02	1.53E-02
449	561230.6	4192430	2.12E-02	1.51E-02
450	561232.7	4192420	2.09E-02	1.49E-02
451	561234.9	4192411	2.06E-02	1.47E-02
452	561239.1	4192392	1.97E-02	1.41E-02
453	561184.2	4192617	1.76E-02	1.26E-02
454	561169.4	4192626	1.90E-02	1.36E-02
455	561160.1	4192627	2.04E-02	1.46E-02
456	561206.2	4192586	1.66E-02	1.19E-02
457	561208.4	4192576	1.70E-02	1.22E-02
458	561210.5	4192567	1.74E-02	1.24E-02
459	561212.6	4192557	1.77E-02	1.27E-02
460	561214.8	4192548	1.81E-02	1.29E-02
461	561216.9	4192538	1.84E-02	1.32E-02
462	561219	4192528	1.86E-02	1.33E-02

463	561221.2	4192519	1.88E-02	1.35E-02
464	561223.3	4192509	1.90E-02	1.36E-02
465	561225.4	4192500	1.91E-02	1.36E-02
466	561227.6	4192490	1.91E-02	1.37E-02
467	561229.7	4192480	1.91E-02	1.36E-02
468	561231.8	4192471	1.90E-02	1.36E-02
469	561234	4192461	1.89E-02	1.35E-02
470	561236.1	4192451	1.87E-02	1.34E-02
471	561238.2	4192442	1.85E-02	1.33E-02
472	561240.4	4192432	1.83E-02	1.31E-02
473	561242.5	4192423	1.81E-02	1.29E-02
474	561244.6	4192413	1.78E-02	1.27E-02
475	561248.9	4192394	1.71E-02	1.22E-02
476	561189.3	4192626	1.58E-02	1.13E-02
477	561174.8	4192634	1.69E-02	1.21E-02
478	561165.8	4192636	1.80E-02	1.29E-02
479	561156.7	4192637	1.91E-02	1.36E-02
480	561216	4192588	1.48E-02	1.06E-02
481	561218.1	4192579	1.51E-02	1.08E-02
482	561220.3	4192569	1.53E-02	1.10E-02
483	561222.4	4192559	1.56E-02	1.12E-02
484	561224.5	4192550	1.59E-02	1.14E-02
485	561226.7	4192540	1.61E-02	1.15E-02
486	561228.8	4192531	1.63E-02	1.17E-02
487	561230.9	4192521	1.65E-02	1.18E-02
488	561233.1	4192511	1.66E-02	1.19E-02
489	561235.2	4192502	1.67E-02	1.19E-02
490	561237.3	4192492	1.67E-02	1.19E-02
491	561239.5	4192482	1.67E-02	1.19E-02
492	561241.6	4192473	1.66E-02	1.19E-02
493	561243.7	4192463	1.65E-02	1.18E-02
494	561245.9	4192454	1.64E-02	1.17E-02
495	561248	4192444	1.62E-02	1.16E-02
496	561250.1	4192434	1.60E-02	1.15E-02
497	561252.3	4192425	1.58E-02	1.13E-02
498	561254.4	4192415	1.56E-02	1.11E-02
499	561258.6	4192396	1.49E-02	1.07E-02
500	561204.8	4192620	1.42E-02	1.01E-02
501	561194.3	4192634	1.43E-02	1.02E-02
502	561180.2	4192643	1.52E-02	1.09E-02
503	561162.4	4192645	1.70E-02	1.22E-02
504	561153.5	4192647	1.78E-02	1.28E-02
505	561227.9	4192581	1.34E-02	9.62E-03
506	561230	4192571	1.37E-02	9.77E-03
507	561232.2	4192562	1.39E-02	9.92E-03
508	561234.3	4192552	1.41E-02	1.01E-02
509	561236.4	4192542	1.42E-02	1.02E-02
510	561238.6	4192533	1.44E-02	1.03E-02
511	561240.7	4192523	1.45E-02	1.04E-02
512	561242.8	4192513	1.46E-02	1.05E-02
513	561245	4192504	1.47E-02	1.05E-02
514	561247.1	4192494	1.47E-02	1.05E-02

515	561249.2	4192485	1.47E-02	1.05E-02
516	561251.4	4192475	1.47E-02	1.05E-02
517	561253.5	4192465	1.46E-02	1.04E-02
518	561255.6	4192456	1.45E-02	1.03E-02
519	561257.7	4192446	1.43E-02	1.02E-02
520	561259.9	4192437	1.42E-02	1.01E-02
521	561262	4192427	1.40E-02	9.99E-03
522	561268.4	4192398	1.32E-02	9.44E-03
523	561209.8	4192629	1.29E-02	9.24E-03
524	561199.4	4192643	1.31E-02	9.33E-03
525	561185.5	4192651	1.38E-02	9.89E-03
526	561168	4192654	1.54E-02	1.10E-02
527	561150.5	4192656	1.67E-02	1.19E-02
528	561237.7	4192583	1.21E-02	8.65E-03
529	561239.8	4192573	1.23E-02	8.76E-03
530	561241.9	4192564	1.24E-02	8.87E-03
531	561244.1	4192554	1.26E-02	8.98E-03
532	561246.2	4192545	1.27E-02	9.08E-03
533	561248.3	4192535	1.28E-02	9.17E-03
534	561250.5	4192525	1.29E-02	9.25E-03
535	561252.6	4192516	1.30E-02	9.31E-03
536	561254.7	4192506	1.31E-02	9.35E-03
537	561256.9	4192496	1.31E-02	9.37E-03
538	561259	4192487	1.31E-02	9.36E-03
539	561261.1	4192477	1.30E-02	9.33E-03
540	561263.2	4192468	1.30E-02	9.28E-03
541	561265.4	4192458	1.29E-02	9.20E-03
542	561267.5	4192448	1.27E-02	9.11E-03
543	561269.6	4192439	1.26E-02	9.01E-03
544	561271.8	4192429	1.24E-02	8.90E-03
545	561278.2	4192400	1.18E-02	8.42E-03
546	561222.4	4192627	1.17E-02	8.36E-03
547	561216.7	4192635	1.18E-02	8.45E-03
548	561210.9	4192643	1.19E-02	8.52E-03
549	561205.2	4192651	1.20E-02	8.55E-03
550	561189.7	4192660	1.27E-02	9.09E-03
551	561180	4192661	1.35E-02	9.63E-03
552	561170.3	4192663	1.42E-02	1.02E-02
553	561160.5	4192664	1.49E-02	1.06E-02
554	561150.8	4192666	1.55E-02	1.11E-02
555	561253.8	4192556	1.13E-02	8.06E-03
556	561256	4192547	1.14E-02	8.13E-03
557	561258.1	4192537	1.15E-02	8.21E-03
558	561260.2	4192527	1.16E-02	8.28E-03
559	561262.4	4192518	1.17E-02	8.33E-03
560	561264.5	4192508	1.17E-02	8.37E-03
561	561266.6	4192499	1.17E-02	8.38E-03
562	561268.7	4192489	1.17E-02	8.37E-03
563	561270.9	4192479	1.17E-02	8.34E-03
564	561273	4192470	1.16E-02	8.30E-03
565	561275.1	4192460	1.15E-02	8.24E-03
566	561277.3	4192450	1.14E-02	8.16E-03

567	561279.4	4192441	1.13E-02	8.08E-03
568	561281.5	4192431	1.12E-02	7.98E-03
569	561287.9	4192402	1.06E-02	7.58E-03
570	561232.7	4192628	1.06E-02	7.61E-03
571	561227.1	4192636	1.08E-02	7.71E-03
572	561221.5	4192644	1.09E-02	7.79E-03
573	561215.9	4192652	1.10E-02	7.85E-03
574	561210.3	4192659	1.10E-02	7.87E-03
575	561195.1	4192669	1.17E-02	8.34E-03
576	561185.6	4192670	1.23E-02	8.81E-03
577	561176.1	4192671	1.29E-02	9.26E-03
578	561166.6	4192673	1.35E-02	9.68E-03
579	561157.1	4192674	1.41E-02	1.01E-02
580	561147.6	4192675	1.45E-02	1.04E-02
581	561231.8	4192645	9.98E-03	7.14E-03
582	561226.3	4192653	1.01E-02	7.21E-03
583	561220.8	4192660	1.01E-02	7.25E-03
584	561215.3	4192668	1.02E-02	7.28E-03
585	561200.5	4192677	1.08E-02	7.69E-03
586	561191.1	4192678	1.13E-02	8.10E-03
587	561181.8	4192680	1.19E-02	8.49E-03
588	561172.5	4192681	1.24E-02	8.87E-03
589	561163.1	4192682	1.29E-02	9.21E-03
590	561153.8	4192684	1.33E-02	9.52E-03
591	561144.4	4192685	1.37E-02	9.78E-03
592	561264.8	4192599	8.97E-03	6.42E-03
593	561267	4192589	9.05E-03	6.47E-03
594	561269.1	4192580	9.12E-03	6.52E-03
595	561271.2	4192570	9.18E-03	6.57E-03
596	561273.4	4192561	9.25E-03	6.61E-03
597	561275.5	4192551	9.31E-03	6.65E-03
598	561277.6	4192541	9.37E-03	6.70E-03
599	561279.7	4192532	9.43E-03	6.74E-03
600	561281.9	4192522	9.47E-03	6.77E-03
601	561284	4192513	9.50E-03	6.79E-03
602	561286.1	4192503	9.51E-03	6.80E-03
603	561288.3	4192493	9.50E-03	6.79E-03
604	561290.4	4192484	9.48E-03	6.78E-03
605	561292.5	4192474	9.44E-03	6.75E-03
606	561252.9	4192631	8.94E-03	6.39E-03
607	561225.8	4192669	9.41E-03	6.73E-03
608	561220.4	4192677	9.45E-03	6.76E-03
609	561205.8	4192686	9.95E-03	7.12E-03
610	561196.6	4192687	1.05E-02	7.48E-03
611	561187.4	4192688	1.09E-02	7.83E-03
612	561178.2	4192690	1.14E-02	8.16E-03
613	561169	4192691	1.19E-02	8.48E-03
614	561159.8	4192692	1.22E-02	8.76E-03
615	561150.6	4192693	1.26E-02	9.00E-03
616	561141.4	4192695	1.29E-02	9.21E-03
617	561274.6	4192601	8.24E-03	5.89E-03
618	561276.7	4192592	8.30E-03	5.93E-03

619	561278.8	4192582	8.35E-03	5.97E-03
620	561281	4192572	8.40E-03	6.00E-03
621	561283.1	4192563	8.44E-03	6.04E-03
622	561285.2	4192553	8.49E-03	6.07E-03
623	561287.4	4192544	8.53E-03	6.10E-03
624	561289.5	4192534	8.57E-03	6.13E-03
625	561291.6	4192524	8.60E-03	6.15E-03
626	561293.8	4192515	8.62E-03	6.16E-03
627	561295.9	4192505	8.63E-03	6.17E-03
628	561298	4192495	8.63E-03	6.17E-03
629	561300.2	4192486	8.61E-03	6.16E-03
630	561302.3	4192476	8.59E-03	6.14E-03
631	561304.4	4192467	8.54E-03	6.11E-03
632	561306.6	4192457	8.49E-03	6.07E-03
633	561308.7	4192447	8.43E-03	6.03E-03
634	561310.8	4192438	8.35E-03	5.97E-03
635	561317.2	4192409	7.99E-03	5.71E-03
636	561263	4192633	8.24E-03	5.89E-03
637	561257.6	4192641	8.37E-03	5.98E-03
638	561252.3	4192648	8.48E-03	6.06E-03
639	561211.1	4192694	9.25E-03	6.62E-03
640	561202	4192695	9.69E-03	6.93E-03
641	561192.9	4192697	1.01E-02	7.25E-03
642	561183.9	4192698	1.06E-02	7.55E-03
643	561174.8	4192699	1.10E-02	7.83E-03
644	561165.7	4192701	1.13E-02	8.09E-03
645	561156.6	4192702	1.16E-02	8.32E-03
646	561147.5	4192703	1.19E-02	8.52E-03
647	561138.4	4192704	1.21E-02	8.68E-03
648	561286.5	4192594	7.63E-03	5.46E-03
649	561288.6	4192584	7.67E-03	5.49E-03
650	561290.7	4192575	7.71E-03	5.51E-03
651	561292.9	4192565	7.74E-03	5.53E-03
652	561295	4192555	7.77E-03	5.56E-03
653	561297.1	4192546	7.80E-03	5.58E-03
654	561299.3	4192536	7.83E-03	5.60E-03
655	561301.4	4192526	7.85E-03	5.61E-03
656	561303.5	4192517	7.87E-03	5.63E-03
657	561305.7	4192507	7.88E-03	5.63E-03
658	561307.8	4192498	7.88E-03	5.63E-03
659	561309.9	4192488	7.87E-03	5.63E-03
660	561312.1	4192478	7.85E-03	5.61E-03
661	561314.2	4192469	7.82E-03	5.59E-03
662	561316.3	4192459	7.77E-03	5.56E-03
663	561318.5	4192450	7.72E-03	5.52E-03
664	561320.6	4192440	7.65E-03	5.47E-03
665	561327	4192411	7.35E-03	5.25E-03
666	561271.2	4192638	7.65E-03	5.47E-03
667	561265.5	4192646	7.78E-03	5.57E-03
668	561259.7	4192654	7.89E-03	5.64E-03
669	561254	4192661	7.99E-03	5.71E-03
670	561248.3	4192669	8.07E-03	5.77E-03

671	561242.6	4192677	8.13E-03	5.81E-03
672	561236.8	4192685	8.17E-03	5.85E-03
673	561215.6	4192703	8.66E-03	6.19E-03
674	561205.9	4192704	9.09E-03	6.50E-03
675	561196.2	4192706	9.51E-03	6.80E-03
676	561186.4	4192707	9.92E-03	7.09E-03
677	561176.7	4192708	1.03E-02	7.37E-03
678	561167	4192710	1.06E-02	7.61E-03
679	561157.2	4192711	1.09E-02	7.83E-03
680	561147.5	4192712	1.12E-02	8.02E-03
681	561137.8	4192714	1.14E-02	8.17E-03
682	561294.1	4192606	7.01E-03	5.02E-03
683	561296.2	4192596	7.05E-03	5.04E-03
684	561298.4	4192586	7.07E-03	5.06E-03
685	561300.5	4192577	7.09E-03	5.07E-03
686	561302.6	4192567	7.11E-03	5.09E-03
687	561304.8	4192557	7.14E-03	5.10E-03
688	561306.9	4192548	7.16E-03	5.12E-03
689	561309	4192538	7.18E-03	5.14E-03
690	561311.2	4192529	7.20E-03	5.15E-03
691	561313.3	4192519	7.21E-03	5.16E-03
692	561315.4	4192509	7.22E-03	5.17E-03
693	561317.6	4192500	7.22E-03	5.17E-03
694	561319.7	4192490	7.22E-03	5.16E-03
695	561321.8	4192481	7.20E-03	5.15E-03
696	561324	4192471	7.18E-03	5.14E-03
697	561326.1	4192461	7.15E-03	5.11E-03
698	561328.2	4192452	7.10E-03	5.08E-03
699	561330.4	4192442	7.04E-03	5.04E-03
700	561336.8	4192413	6.78E-03	4.85E-03
701	561281.3	4192639	7.09E-03	5.07E-03
702	561275.7	4192647	7.21E-03	5.16E-03
703	561270	4192655	7.32E-03	5.24E-03
704	561264.4	4192663	7.42E-03	5.30E-03
705	561258.8	4192671	7.50E-03	5.36E-03
706	561253.1	4192679	7.56E-03	5.41E-03
707	561247.5	4192686	7.62E-03	5.45E-03
708	561241.8	4192694	7.66E-03	5.48E-03
709	561236.2	4192702	7.68E-03	5.50E-03
710	561211.4	4192713	8.48E-03	6.06E-03
711	561201.8	4192714	8.86E-03	6.34E-03
712	561192.2	4192715	9.23E-03	6.60E-03
713	561182.6	4192717	9.57E-03	6.85E-03
714	561173.1	4192718	9.89E-03	7.08E-03
715	561163.5	4192719	1.02E-02	7.28E-03
716	561153.9	4192721	1.04E-02	7.46E-03
717	561144.3	4192722	1.06E-02	7.61E-03
718	561134.7	4192724	1.08E-02	7.73E-03
719	561303.9	4192608	6.49E-03	4.64E-03
720	561306	4192598	6.52E-03	4.66E-03
721	561308.1	4192589	6.53E-03	4.67E-03
722	561310.3	4192579	6.54E-03	4.68E-03

723	561312.4	4192569	6.56E-03	4.69E-03
724	561314.5	4192560	6.58E-03	4.71E-03
725	561316.7	4192550	6.60E-03	4.72E-03
726	561318.8	4192540	6.62E-03	4.73E-03
727	561320.9	4192531	6.63E-03	4.74E-03
728	561323.1	4192521	6.64E-03	4.75E-03
729	561325.2	4192512	6.65E-03	4.75E-03
730	561327.3	4192502	6.65E-03	4.75E-03
731	561329.5	4192492	6.64E-03	4.75E-03
732	561331.6	4192483	6.63E-03	4.74E-03
733	561333.7	4192473	6.61E-03	4.73E-03
734	561335.9	4192463	6.59E-03	4.71E-03
735	561338	4192454	6.56E-03	4.69E-03
736	561340.1	4192444	6.51E-03	4.65E-03
737	561346.5	4192415	6.29E-03	4.50E-03
738	561291.4	4192641	6.59E-03	4.71E-03
739	561285.8	4192649	6.70E-03	4.79E-03
740	561280.3	4192656	6.81E-03	4.87E-03
741	561274.7	4192664	6.90E-03	4.93E-03
742	561269.1	4192672	6.98E-03	4.99E-03
743	561263.6	4192680	7.05E-03	5.04E-03
744	561258	4192687	7.11E-03	5.08E-03
745	561252.4	4192695	7.15E-03	5.12E-03
746	561246.9	4192703	7.19E-03	5.14E-03
747	561241.3	4192711	7.22E-03	5.16E-03
748	561207.4	4192723	8.28E-03	5.92E-03
749	561197.9	4192724	8.61E-03	6.16E-03
750	561188.5	4192725	8.93E-03	6.39E-03
751	561179	4192727	9.23E-03	6.60E-03
752	561169.6	4192728	9.49E-03	6.79E-03
753	561160.1	4192729	9.73E-03	6.96E-03
754	561150.6	4192731	9.93E-03	7.10E-03
755	561141.2	4192732	1.01E-02	7.22E-03
756	561131.7	4192733	1.02E-02	7.32E-03
757	561313.6	4192610	6.03E-03	4.31E-03
758	561315.8	4192600	6.04E-03	4.32E-03
759	561317.9	4192591	6.05E-03	4.33E-03
760	561320	4192581	6.06E-03	4.33E-03
761	561322.2	4192571	6.07E-03	4.34E-03
762	561324.3	4192562	6.09E-03	4.35E-03
763	561326.4	4192552	6.10E-03	4.36E-03
764	561328.6	4192543	6.11E-03	4.37E-03
765	561330.7	4192533	6.12E-03	4.38E-03
766	561332.8	4192523	6.13E-03	4.38E-03
767	561335	4192514	6.13E-03	4.38E-03
768	561337.1	4192504	6.13E-03	4.39E-03
769	561339.2	4192494	6.13E-03	4.38E-03
770	561341.4	4192485	6.12E-03	4.38E-03
771	561343.5	4192475	6.11E-03	4.37E-03
772	561345.6	4192466	6.10E-03	4.36E-03
773	561347.7	4192456	6.07E-03	4.34E-03
774	561349.9	4192446	6.03E-03	4.31E-03

775	561301.4	4192643	6.13E-03	4.38E-03
776	561295.9	4192650	6.24E-03	4.46E-03
777	561290.4	4192658	6.34E-03	4.53E-03
778	561284.9	4192666	6.43E-03	4.60E-03
779	561279.4	4192673	6.51E-03	4.65E-03
780	561273.9	4192681	6.57E-03	4.70E-03
781	561268.4	4192689	6.64E-03	4.75E-03
782	561262.9	4192696	6.69E-03	4.79E-03
783	561257.4	4192704	6.73E-03	4.82E-03
784	561251.9	4192712	6.77E-03	4.84E-03
785	561246.4	4192719	6.79E-03	4.86E-03
786	561231.6	4192728	7.12E-03	5.09E-03
787	561203.5	4192732	8.06E-03	5.76E-03
788	561194.2	4192734	8.35E-03	5.97E-03
789	561184.9	4192735	8.63E-03	6.17E-03
790	561175.5	4192736	8.88E-03	6.35E-03
791	561166.2	4192738	9.10E-03	6.51E-03
792	561156.8	4192739	9.30E-03	6.65E-03
793	561147.5	4192740	9.47E-03	6.77E-03
794	561138.1	4192742	9.60E-03	6.87E-03
795	561128.8	4192743	9.71E-03	6.94E-03
796	561323.4	4192612	5.61E-03	4.01E-03
797	561325.5	4192602	5.62E-03	4.02E-03
798	561327.7	4192593	5.63E-03	4.02E-03
799	561329.8	4192583	5.63E-03	4.03E-03
800	561331.9	4192574	5.64E-03	4.03E-03
801	561334.1	4192564	5.65E-03	4.04E-03
802	561336.2	4192554	5.66E-03	4.04E-03
803	561338.3	4192545	5.66E-03	4.05E-03
804	561340.5	4192535	5.67E-03	4.05E-03
805	561342.6	4192525	5.67E-03	4.06E-03
806	561344.7	4192516	5.67E-03	4.06E-03
807	561346.9	4192506	5.68E-03	4.06E-03
808	561349	4192497	5.67E-03	4.06E-03
809	561351.1	4192487	5.67E-03	4.05E-03
810	561353.2	4192477	5.66E-03	4.05E-03
811	561355.4	4192468	5.65E-03	4.04E-03
812	561357.5	4192458	5.64E-03	4.03E-03
813	561359.6	4192449	5.60E-03	4.01E-03
814	561311.4	4192645	5.71E-03	4.08E-03
815	561306	4192652	5.82E-03	4.16E-03
816	561300.5	4192660	5.91E-03	4.23E-03
817	561295.1	4192667	6.00E-03	4.29E-03
818	561289.6	4192675	6.08E-03	4.35E-03
819	561284.2	4192683	6.14E-03	4.39E-03
820	561278.7	4192690	6.20E-03	4.44E-03
821	561273.3	4192698	6.26E-03	4.48E-03
822	561267.9	4192705	6.31E-03	4.51E-03
823	561262.4	4192713	6.35E-03	4.54E-03
824	561257	4192720	6.38E-03	4.57E-03
825	561251.5	4192728	6.41E-03	4.58E-03
826	561236.8	4192737	6.70E-03	4.79E-03

827	561227.6	4192738	6.99E-03	5.00E-03
828	561199.9	4192742	7.83E-03	5.60E-03
829	561190.6	4192743	8.09E-03	5.78E-03
830	561181.4	4192745	8.32E-03	5.95E-03
831	561172.1	4192746	8.54E-03	6.10E-03
832	561162.9	4192747	8.73E-03	6.24E-03
833	561153.6	4192749	8.89E-03	6.36E-03
834	561144.4	4192750	9.02E-03	6.45E-03
835	561135.2	4192751	9.13E-03	6.53E-03
836	561125.9	4192753	9.21E-03	6.59E-03
837	561333.2	4192614	5.24E-03	3.75E-03
838	561335.3	4192605	5.25E-03	3.75E-03
839	561337.4	4192595	5.25E-03	3.76E-03
840	561339.6	4192585	5.25E-03	3.76E-03
841	561341.7	4192576	5.25E-03	3.76E-03
842	561343.8	4192566	5.26E-03	3.76E-03
843	561346	4192557	5.26E-03	3.76E-03
844	561348.1	4192547	5.26E-03	3.76E-03
845	561350.2	4192537	5.26E-03	3.76E-03
846	561352.4	4192528	5.27E-03	3.77E-03
847	561354.5	4192518	5.27E-03	3.77E-03
848	561356.6	4192508	5.27E-03	3.77E-03
849	561358.7	4192499	5.27E-03	3.77E-03
850	561360.9	4192489	5.27E-03	3.77E-03
851	561363	4192480	5.27E-03	3.77E-03
852	561365.1	4192470	5.26E-03	3.76E-03
853	561367.3	4192460	5.24E-03	3.75E-03
854	561369.4	4192451	5.21E-03	3.73E-03
855	561320	4192648	5.36E-03	3.83E-03
856	561314.3	4192656	5.46E-03	3.91E-03
857	561308.6	4192664	5.56E-03	3.98E-03
858	561302.8	4192672	5.64E-03	4.04E-03
859	561297.1	4192680	5.72E-03	4.09E-03
860	561291.4	4192688	5.78E-03	4.14E-03
861	561285.6	4192696	5.84E-03	4.18E-03
862	561279.9	4192704	5.90E-03	4.22E-03
863	561274.2	4192712	5.95E-03	4.26E-03
864	561268.5	4192720	6.00E-03	4.29E-03
865	561262.7	4192728	6.03E-03	4.31E-03
866	561257	4192736	6.05E-03	4.33E-03
867	561241.5	4192746	6.34E-03	4.54E-03
868	561231.8	4192747	6.62E-03	4.73E-03
869	561222.1	4192748	6.90E-03	4.93E-03
870	561202.6	4192751	7.43E-03	5.32E-03
871	561192.9	4192752	7.68E-03	5.49E-03
872	561183.2	4192754	7.91E-03	5.66E-03
873	561173.4	4192755	8.12E-03	5.80E-03
874	561163.7	4192757	8.30E-03	5.93E-03
875	561154	4192758	8.45E-03	6.04E-03
876	561144.2	4192759	8.57E-03	6.13E-03
877	561134.5	4192761	8.67E-03	6.20E-03
878	561124.8	4192762	8.75E-03	6.25E-03

879	561324.4	4192658	5.11E-03	3.66E-03
880	561318.7	4192666	5.20E-03	3.72E-03
881	561313.1	4192674	5.29E-03	3.78E-03
882	561307.4	4192682	5.36E-03	3.83E-03
883	561301.7	4192690	5.42E-03	3.88E-03
884	561296.1	4192697	5.48E-03	3.92E-03
885	561290.4	4192705	5.54E-03	3.96E-03
886	561284.8	4192713	5.59E-03	4.00E-03
887	561279.1	4192721	5.64E-03	4.03E-03
888	561273.4	4192729	5.68E-03	4.06E-03
889	561267.8	4192737	5.71E-03	4.08E-03
890	561262.1	4192745	5.73E-03	4.10E-03
891	561246.8	4192754	6.00E-03	4.29E-03
892	561237.2	4192755	6.25E-03	4.47E-03
893	561227.6	4192757	6.50E-03	4.65E-03
894	561218	4192758	6.75E-03	4.83E-03
895	561198.8	4192761	7.23E-03	5.17E-03
896	561189.1	4192762	7.44E-03	5.32E-03
897	561179.5	4192764	7.64E-03	5.46E-03
898	561169.9	4192765	7.81E-03	5.59E-03
899	561160.3	4192766	7.96E-03	5.69E-03
900	561150.7	4192768	8.09E-03	5.78E-03
901	561141	4192769	8.19E-03	5.86E-03
902	561131.4	4192770	8.27E-03	5.91E-03
903	561121.8	4192772	8.32E-03	5.95E-03
904	561356.9	4192629	4.44E-03	3.17E-03
905	561317.6	4192683	5.03E-03	3.60E-03
906	561312	4192691	5.09E-03	3.64E-03
907	561306.4	4192699	5.15E-03	3.68E-03
908	561300.8	4192707	5.21E-03	3.72E-03
909	561295.2	4192714	5.26E-03	3.76E-03
910	561289.6	4192722	5.31E-03	3.80E-03
911	561284	4192730	5.35E-03	3.83E-03
912	561278.4	4192738	5.38E-03	3.85E-03
913	561272.8	4192746	5.41E-03	3.87E-03
914	561267.2	4192753	5.43E-03	3.89E-03
915	561252.1	4192763	5.68E-03	4.06E-03
916	561242.6	4192764	5.91E-03	4.23E-03
917	561233.1	4192765	6.15E-03	4.39E-03
918	561223.6	4192767	6.38E-03	4.56E-03
919	561195	4192771	7.02E-03	5.02E-03
920	561185.5	4192772	7.20E-03	5.15E-03
921	561176	4192773	7.37E-03	5.27E-03
922	561166.5	4192775	7.52E-03	5.37E-03
923	561157	4192776	7.64E-03	5.46E-03
924	561147.4	4192777	7.74E-03	5.54E-03
925	561137.9	4192779	7.82E-03	5.59E-03
926	561128.4	4192780	7.88E-03	5.64E-03
927	561362.5	4192621	4.34E-03	3.10E-03
928	561364.6	4192611	4.34E-03	3.10E-03
929	561366.7	4192601	4.33E-03	3.10E-03
930	561368.8	4192592	4.33E-03	3.10E-03

931	561371	4192582	4.32E-03	3.09E-03
932	561373.1	4192573	4.32E-03	3.09E-03
933	561375.2	4192563	4.31E-03	3.08E-03
934	561377.4	4192553	4.31E-03	3.08E-03
935	561379.5	4192544	4.31E-03	3.08E-03
936	561381.6	4192534	4.31E-03	3.08E-03
937	561383.8	4192525	4.31E-03	3.08E-03
938	561385.9	4192515	4.31E-03	3.08E-03
939	561388	4192505	4.31E-03	3.08E-03
940	561390.2	4192496	4.31E-03	3.08E-03
941	561392.3	4192486	4.30E-03	3.08E-03
942	561394.4	4192476	4.30E-03	3.07E-03
943	561396.6	4192467	4.28E-03	3.06E-03
944	561398.7	4192457	4.27E-03	3.05E-03
945	561366.7	4192631	4.18E-03	2.99E-03
946	561350	4192654	4.44E-03	3.18E-03
947	561344.5	4192662	4.52E-03	3.23E-03
948	561338.9	4192669	4.60E-03	3.29E-03
949	561311.2	4192708	4.90E-03	3.51E-03
950	561305.6	4192716	4.96E-03	3.54E-03
951	561300.1	4192723	5.00E-03	3.58E-03
952	561294.6	4192731	5.05E-03	3.61E-03
953	561289	4192739	5.08E-03	3.63E-03
954	561283.5	4192747	5.11E-03	3.66E-03
955	561277.9	4192754	5.14E-03	3.68E-03
956	561272.4	4192762	5.16E-03	3.69E-03
957	561257.4	4192771	5.39E-03	3.85E-03
958	561248	4192773	5.60E-03	4.01E-03
959	561238.5	4192774	5.82E-03	4.16E-03
960	561229.1	4192775	6.03E-03	4.31E-03
961	561219.7	4192777	6.24E-03	4.46E-03
962	561191.4	4192781	6.81E-03	4.87E-03
963	561182	4192782	6.97E-03	4.98E-03
964	561172.6	4192783	7.11E-03	5.08E-03
965	561163.1	4192785	7.23E-03	5.17E-03
966	561153.7	4192786	7.33E-03	5.24E-03
967	561372.2	4192623	4.09E-03	2.93E-03
968	561374.3	4192613	4.09E-03	2.92E-03
969	561376.5	4192604	4.08E-03	2.92E-03
970	561378.6	4192594	4.08E-03	2.92E-03
971	561380.7	4192584	4.07E-03	2.91E-03
972	561382.9	4192575	4.06E-03	2.91E-03
973	561385	4192565	4.06E-03	2.90E-03
974	561387.1	4192556	4.05E-03	2.90E-03
975	561389.3	4192546	4.05E-03	2.89E-03
976	561391.4	4192536	4.04E-03	2.89E-03
977	561393.5	4192527	4.04E-03	2.89E-03
978	561395.7	4192517	4.04E-03	2.89E-03
979	561397.8	4192507	4.04E-03	2.89E-03
980	561399.9	4192498	4.04E-03	2.89E-03
981	561402.1	4192488	4.04E-03	2.89E-03
982	561404.2	4192479	4.03E-03	2.88E-03

983	561406.3	4192469	4.02E-03	2.88E-03
984	561408.5	4192459	4.01E-03	2.87E-03
985	561376.5	4192633	3.95E-03	2.82E-03
986	561360	4192656	4.19E-03	2.99E-03
987	561354.5	4192663	4.26E-03	3.05E-03
988	561349	4192671	4.33E-03	3.10E-03
989	561343.5	4192679	4.40E-03	3.15E-03
990	561338	4192686	4.46E-03	3.19E-03
991	561332.5	4192694	4.52E-03	3.23E-03
992	561305	4192732	4.76E-03	3.41E-03
993	561299.5	4192740	4.80E-03	3.43E-03
994	561294	4192748	4.83E-03	3.46E-03
995	561288.5	4192755	4.86E-03	3.48E-03
996	561283	4192763	4.89E-03	3.50E-03
997	561277.5	4192771	4.91E-03	3.51E-03
998	561262.7	4192780	5.12E-03	3.66E-03
999	561253.3	4192781	5.32E-03	3.80E-03
1000	561244	4192782	5.52E-03	3.95E-03
1001	561234.6	4192784	5.71E-03	4.09E-03
1002	561225.3	4192785	5.91E-03	4.23E-03
1003	561215.9	4192786	6.09E-03	4.36E-03
1004	561187.9	4192790	6.59E-03	4.72E-03
1005	561178.6	4192792	6.73E-03	4.81E-03
1006	561382	4192625	3.86E-03	2.76E-03
1007	561384.1	4192615	3.86E-03	2.76E-03
1008	561386.2	4192606	3.85E-03	2.76E-03
1009	561388.4	4192596	3.85E-03	2.75E-03
1010	561390.5	4192587	3.84E-03	2.75E-03
1011	561392.6	4192577	3.83E-03	2.74E-03
1012	561394.8	4192567	3.82E-03	2.73E-03
1013	561396.9	4192558	3.82E-03	2.73E-03
1014	561399	4192548	3.81E-03	2.72E-03
1015	561401.2	4192538	3.80E-03	2.72E-03
1016	561403.3	4192529	3.80E-03	2.72E-03
1017	561405.4	4192519	3.80E-03	2.72E-03
1018	561407.6	4192510	3.80E-03	2.72E-03
1019	561409.7	4192500	3.80E-03	2.72E-03
1020	561411.8	4192490	3.80E-03	2.72E-03
1021	561414	4192481	3.79E-03	2.71E-03
1022	561416.1	4192471	3.78E-03	2.71E-03
1023	561418.2	4192462	3.77E-03	2.70E-03
1024	561386	4192635	3.74E-03	2.67E-03
1025	561368.8	4192659	3.97E-03	2.84E-03
1026	561363.1	4192667	4.04E-03	2.89E-03
1027	561357.4	4192675	4.11E-03	2.94E-03
1028	561351.6	4192683	4.18E-03	2.99E-03
1029	561345.9	4192691	4.24E-03	3.03E-03
1030	561340.2	4192699	4.29E-03	3.07E-03
1031	561334.5	4192707	4.35E-03	3.11E-03
1032	561328.7	4192715	4.39E-03	3.14E-03
1033	561300.1	4192755	4.60E-03	3.29E-03
1034	561294.4	4192763	4.63E-03	3.31E-03

1035	561288.6	4192771	4.65E-03	3.33E-03
1036	561282.9	4192779	4.67E-03	3.34E-03
1037	561267.4	4192788	4.88E-03	3.49E-03
1038	561257.7	4192790	5.07E-03	3.63E-03
1039	561248	4192791	5.27E-03	3.77E-03
1040	561238.2	4192792	5.46E-03	3.91E-03
1041	561228.5	4192794	5.65E-03	4.04E-03
1042	561218.8	4192795	5.83E-03	4.17E-03
1043	561209.1	4192797	6.00E-03	4.29E-03
1044	561391.7	4192627	3.65E-03	2.61E-03
1045	561393.9	4192618	3.65E-03	2.61E-03
1046	561396	4192608	3.64E-03	2.61E-03
1047	561398.1	4192598	3.64E-03	2.60E-03
1048	561400.3	4192589	3.63E-03	2.60E-03
1049	561402.4	4192579	3.62E-03	2.59E-03
1050	561404.5	4192570	3.61E-03	2.58E-03
1051	561406.7	4192560	3.60E-03	2.58E-03
1052	561408.8	4192550	3.59E-03	2.57E-03
1053	561410.9	4192541	3.58E-03	2.56E-03
1054	561413.1	4192531	3.58E-03	2.56E-03
1055	561415.2	4192521	3.58E-03	2.56E-03
1056	561417.3	4192512	3.58E-03	2.56E-03
1057	561419.5	4192502	3.58E-03	2.56E-03
1058	561421.6	4192493	3.58E-03	2.56E-03
1059	561423.7	4192483	3.57E-03	2.55E-03
1060	561425.9	4192473	3.56E-03	2.55E-03
1061	561428	4192464	3.55E-03	2.54E-03
1062	561395.8	4192637	3.54E-03	2.53E-03
1063	561378.8	4192661	3.76E-03	2.69E-03
1064	561373.1	4192669	3.82E-03	2.73E-03
1065	561367.5	4192677	3.89E-03	2.78E-03
1066	561361.8	4192685	3.95E-03	2.82E-03
1067	561356.1	4192693	4.01E-03	2.87E-03
1068	561350.4	4192701	4.06E-03	2.90E-03
1069	561344.8	4192708	4.11E-03	2.94E-03
1070	561339.1	4192716	4.16E-03	2.97E-03
1071	561333.4	4192724	4.20E-03	3.00E-03
1072	561327.7	4192732	4.24E-03	3.03E-03
1073	561322.1	4192740	4.28E-03	3.06E-03
1074	561293.7	4192780	4.44E-03	3.17E-03
1075	561288	4192788	4.46E-03	3.19E-03
1076	561272.7	4192797	4.65E-03	3.33E-03
1077	561263.1	4192798	4.83E-03	3.45E-03
1078	561253.4	4192800	5.01E-03	3.58E-03
1079	561243.8	4192801	5.19E-03	3.71E-03
1080	561234.2	4192802	5.36E-03	3.84E-03
1081	561224.5	4192804	5.53E-03	3.96E-03
1082	561401.5	4192629	3.46E-03	2.48E-03
1083	561403.6	4192620	3.46E-03	2.47E-03
1084	561405.8	4192610	3.45E-03	2.47E-03
1085	561407.9	4192601	3.44E-03	2.46E-03
1086	561410	4192591	3.44E-03	2.46E-03

1087	561412.2	4192581	3.43E-03	2.45E-03
1088	561414.3	4192572	3.42E-03	2.44E-03
1089	561416.4	4192562	3.40E-03	2.43E-03
1090	561418.6	4192552	3.39E-03	2.43E-03
1091	561420.7	4192543	3.39E-03	2.42E-03
1092	561422.8	4192533	3.38E-03	2.42E-03
1093	561425	4192524	3.38E-03	2.42E-03
1094	561427.1	4192514	3.38E-03	2.41E-03
1095	561429.2	4192504	3.38E-03	2.41E-03
1096	561431.4	4192495	3.37E-03	2.41E-03
1097	561433.5	4192485	3.37E-03	2.41E-03
1098	561435.6	4192475	3.36E-03	2.40E-03
1099	561437.7	4192466	3.35E-03	2.39E-03
1100	561405.6	4192639	3.35E-03	2.40E-03
1101	561388.8	4192663	3.56E-03	2.54E-03
1102	561383.1	4192671	3.62E-03	2.59E-03
1103	561377.5	4192679	3.68E-03	2.63E-03
1104	561371.9	4192686	3.74E-03	2.68E-03
1105	561366.3	4192694	3.80E-03	2.71E-03
1106	561360.7	4192702	3.85E-03	2.75E-03
1107	561355	4192710	3.89E-03	2.78E-03
1108	561349.4	4192718	3.94E-03	2.82E-03
1109	561343.8	4192726	3.98E-03	2.85E-03
1110	561338.2	4192733	4.02E-03	2.87E-03
1111	561332.5	4192741	4.06E-03	2.90E-03
1112	561326.9	4192749	4.10E-03	2.93E-03
1113	561321.3	4192757	4.13E-03	2.95E-03
1114	561315.7	4192765	4.16E-03	2.97E-03
1115	561278	4192805	4.44E-03	3.17E-03
1116	561268.4	4192807	4.60E-03	3.29E-03
1117	561258.9	4192808	4.77E-03	3.41E-03
1118	561249.3	4192809	4.94E-03	3.53E-03
1119	561239.8	4192811	5.10E-03	3.65E-03
1120	561411.3	4192632	3.28E-03	2.35E-03
1121	561413.4	4192622	3.28E-03	2.35E-03
1122	561415.5	4192612	3.27E-03	2.34E-03
1123	561417.7	4192603	3.27E-03	2.34E-03
1124	561419.8	4192593	3.26E-03	2.33E-03
1125	561421.9	4192583	3.25E-03	2.32E-03
1126	561424.1	4192574	3.24E-03	2.31E-03
1127	561426.2	4192564	3.22E-03	2.31E-03
1128	561428.3	4192555	3.21E-03	2.30E-03
1129	561430.5	4192545	3.21E-03	2.29E-03
1130	561432.6	4192535	3.20E-03	2.29E-03
1131	561434.7	4192526	3.20E-03	2.29E-03
1132	561436.9	4192516	3.19E-03	2.28E-03
1133	561439	4192506	3.19E-03	2.28E-03
1134	561441.1	4192497	3.19E-03	2.28E-03
1135	561443.2	4192487	3.18E-03	2.27E-03
1136	561445.4	4192478	3.17E-03	2.27E-03
1137	561447.5	4192468	3.16E-03	2.26E-03
1138	561415.5	4192641	3.18E-03	2.28E-03

1139	561398.7	4192665	3.37E-03	2.41E-03
1140	561393.1	4192673	3.44E-03	2.46E-03
1141	561387.6	4192680	3.49E-03	2.50E-03
1142	561382	4192688	3.55E-03	2.54E-03
1143	561376.4	4192696	3.60E-03	2.57E-03
1144	561370.8	4192704	3.65E-03	2.61E-03
1145	561365.2	4192711	3.69E-03	2.64E-03
1146	561359.7	4192719	3.74E-03	2.67E-03
1147	561354.1	4192727	3.78E-03	2.70E-03
1148	561348.5	4192735	3.81E-03	2.73E-03
1149	561342.9	4192743	3.85E-03	2.75E-03
1150	561337.3	4192750	3.88E-03	2.78E-03
1151	561331.8	4192758	3.92E-03	2.80E-03
1152	561326.2	4192766	3.95E-03	2.82E-03
1153	561320.6	4192774	3.97E-03	2.84E-03
1154	561315	4192782	4.00E-03	2.86E-03
1155	561309.5	4192789	4.02E-03	2.88E-03
1156	561283.2	4192814	4.24E-03	3.03E-03
1157	561273.8	4192815	4.39E-03	3.14E-03
1158	561264.3	4192817	4.55E-03	3.25E-03
1159	561421	4192634	3.12E-03	2.23E-03
1160	561423.2	4192624	3.12E-03	2.23E-03
1161	561425.3	4192614	3.11E-03	2.22E-03
1162	561427.4	4192605	3.10E-03	2.22E-03
1163	561429.6	4192595	3.09E-03	2.21E-03
1164	561431.7	4192586	3.08E-03	2.20E-03
1165	561433.8	4192576	3.07E-03	2.19E-03
1166	561436	4192566	3.06E-03	2.19E-03
1167	561438.1	4192557	3.05E-03	2.18E-03
1168	561440.2	4192547	3.04E-03	2.18E-03
1169	561442.4	4192538	3.04E-03	2.17E-03
1170	561444.5	4192528	3.03E-03	2.17E-03
1171	561446.6	4192518	3.03E-03	2.16E-03
1172	561448.7	4192509	3.02E-03	2.16E-03
1173	561450.9	4192499	3.02E-03	2.16E-03
1174	561453	4192489	3.01E-03	2.15E-03
1175	561455.1	4192480	3.00E-03	2.15E-03
1176	561457.3	4192470	3.00E-03	2.14E-03
1177	561425.3	4192644	3.03E-03	2.17E-03
1178	561408.6	4192667	3.21E-03	2.29E-03
1179	561403.1	4192674	3.26E-03	2.33E-03
1180	561397.6	4192682	3.32E-03	2.37E-03
1181	561392	4192690	3.37E-03	2.41E-03
1182	561386.5	4192698	3.42E-03	2.45E-03
1183	561381	4192705	3.47E-03	2.48E-03
1184	561375.4	4192713	3.51E-03	2.51E-03
1185	561369.9	4192721	3.55E-03	2.54E-03
1186	561364.3	4192729	3.59E-03	2.57E-03
1187	561358.8	4192736	3.62E-03	2.59E-03
1188	561353.3	4192744	3.66E-03	2.61E-03
1189	561347.7	4192752	3.69E-03	2.64E-03
1190	561342.2	4192759	3.72E-03	2.66E-03

1191	561336.7	4192767	3.75E-03	2.68E-03
1192	561331.1	4192775	3.77E-03	2.70E-03
1193	561325.6	4192783	3.80E-03	2.72E-03
1194	561320	4192790	3.82E-03	2.73E-03
1195	561314.5	4192798	3.85E-03	2.75E-03
1196	561309	4192806	3.87E-03	2.77E-03
1197	561303.4	4192813	3.89E-03	2.78E-03
1198	561430.8	4192636	2.97E-03	2.12E-03
1199	561432.9	4192626	2.96E-03	2.12E-03
1200	561435.1	4192617	2.96E-03	2.11E-03
1201	561437.2	4192607	2.95E-03	2.11E-03
1202	561439.3	4192597	2.94E-03	2.10E-03
1203	561441.5	4192588	2.93E-03	2.09E-03
1204	561443.6	4192578	2.91E-03	2.08E-03
1205	561445.7	4192569	2.91E-03	2.08E-03
1206	561447.9	4192559	2.90E-03	2.07E-03
1207	561450	4192549	2.89E-03	2.07E-03
1208	561452.1	4192540	2.88E-03	2.06E-03
1209	561454.2	4192530	2.88E-03	2.06E-03
1210	561456.4	4192520	2.87E-03	2.05E-03
1211	561458.5	4192511	2.87E-03	2.05E-03
1212	561460.6	4192501	2.86E-03	2.05E-03
1213	561462.8	4192492	2.86E-03	2.04E-03
1214	561464.9	4192482	2.85E-03	2.04E-03
1215	561467	4192472	2.84E-03	2.03E-03
1216	561417.6	4192670	3.06E-03	2.19E-03
1217	561411.9	4192678	3.11E-03	2.23E-03
1218	561406.2	4192686	3.17E-03	2.26E-03
1219	561400.5	4192694	3.22E-03	2.30E-03
1220	561394.7	4192702	3.27E-03	2.34E-03
1221	561389	4192710	3.31E-03	2.37E-03
1222	561383.3	4192718	3.35E-03	2.40E-03
1223	561377.5	4192726	3.39E-03	2.43E-03
1224	561371.8	4192734	3.43E-03	2.45E-03
1225	561366.1	4192742	3.46E-03	2.48E-03
1226	561360.4	4192750	3.50E-03	2.50E-03
1227	561354.6	4192758	3.53E-03	2.52E-03
1228	561348.9	4192766	3.56E-03	2.54E-03
1229	561343.2	4192774	3.58E-03	2.56E-03
1230	561337.4	4192782	3.61E-03	2.58E-03
1231	561331.7	4192790	3.63E-03	2.60E-03
1232	561326	4192798	3.66E-03	2.61E-03
1233	561320.3	4192806	3.68E-03	2.63E-03
1234	561314.5	4192814	3.70E-03	2.65E-03
1235	561308.8	4192822	3.72E-03	2.66E-03
1236	561459.7	4192551	2.75E-03	1.96E-03
1237	561461.9	4192542	2.74E-03	1.96E-03
1238	561464	4192532	2.73E-03	1.95E-03
1239	561466.1	4192523	2.73E-03	1.95E-03
1240	561468.3	4192513	2.72E-03	1.95E-03
1241	561470.4	4192503	2.72E-03	1.94E-03
1242	561472.5	4192494	2.71E-03	1.94E-03

1243	561474.7	4192484	2.71E-03	1.93E-03
1244	561476.8	4192475	2.70E-03	1.93E-03
1245	561421.9	4192680	2.97E-03	2.12E-03
1246	561416.2	4192688	3.01E-03	2.16E-03
1247	561410.5	4192696	3.06E-03	2.19E-03
1248	561404.9	4192704	3.11E-03	2.22E-03
1249	561399.2	4192712	3.15E-03	2.25E-03
1250	561393.5	4192719	3.19E-03	2.28E-03
1251	561387.8	4192727	3.23E-03	2.31E-03
1252	561382.1	4192735	3.27E-03	2.34E-03
1253	561376.4	4192743	3.30E-03	2.36E-03
1254	561370.8	4192751	3.33E-03	2.38E-03
1255	561365.1	4192759	3.36E-03	2.40E-03
1256	561359.4	4192767	3.39E-03	2.42E-03
1257	561353.7	4192775	3.41E-03	2.44E-03
1258	561348	4192783	3.44E-03	2.46E-03
1259	561342.4	4192791	3.46E-03	2.47E-03
1260	561336.7	4192799	3.48E-03	2.49E-03
1261	561331	4192807	3.51E-03	2.51E-03
1262	561325.3	4192815	3.53E-03	2.52E-03
1263	561319.6	4192822	3.55E-03	2.54E-03
1264	561313.9	4192830	3.57E-03	2.55E-03
1265	561233.8	4192334	2.29E-02	1.64E-02
1266	561236.2	4192325	2.18E-02	1.56E-02
1267	561238.7	4192316	2.06E-02	1.47E-02
1268	561241.1	4192307	1.93E-02	1.38E-02
1269	561243.5	4192297	1.81E-02	1.29E-02
1270	561245.9	4192288	1.68E-02	1.20E-02
1271	561248.3	4192279	1.56E-02	1.12E-02
1272	561233.8	4192373	2.19E-02	1.57E-02
1273	561236.2	4192364	2.13E-02	1.52E-02
1274	561238.6	4192355	2.06E-02	1.47E-02
1275	561241.1	4192346	1.98E-02	1.42E-02
1276	561243.5	4192336	1.90E-02	1.36E-02
1277	561245.9	4192327	1.81E-02	1.30E-02
1278	561248.3	4192318	1.72E-02	1.23E-02
1279	561250.7	4192309	1.63E-02	1.16E-02
1280	561253.2	4192300	1.53E-02	1.09E-02
1281	561255.6	4192291	1.44E-02	1.03E-02
1282	561258	4192282	1.35E-02	9.65E-03
1283	561243.5	4192375	1.87E-02	1.34E-02
1284	561245.9	4192366	1.81E-02	1.29E-02
1285	561248.3	4192357	1.74E-02	1.25E-02
1286	561250.7	4192348	1.68E-02	1.20E-02
1287	561253.1	4192339	1.61E-02	1.15E-02
1288	561255.6	4192330	1.54E-02	1.10E-02
1289	561258	4192321	1.47E-02	1.05E-02
1290	561260.4	4192312	1.40E-02	9.99E-03
1291	561262.8	4192303	1.32E-02	9.47E-03
1292	561265.3	4192294	1.25E-02	8.96E-03
1293	561267.7	4192284	1.19E-02	8.48E-03
1294	561253.1	4192378	1.62E-02	1.16E-02

1295	561255.6	4192369	1.56E-02	1.12E-02
1296	561258	4192360	1.51E-02	1.08E-02
1297	561260.4	4192351	1.45E-02	1.04E-02
1298	561262.8	4192342	1.39E-02	9.97E-03
1299	561265.2	4192332	1.34E-02	9.57E-03
1300	561267.7	4192323	1.28E-02	9.16E-03
1301	561270.1	4192314	1.22E-02	8.75E-03
1302	561272.5	4192305	1.17E-02	8.34E-03
1303	561274.9	4192296	1.11E-02	7.94E-03
1304	561277.3	4192287	1.06E-02	7.56E-03
1305	561262.8	4192381	1.42E-02	1.01E-02
1306	561265.2	4192371	1.37E-02	9.79E-03
1307	561267.6	4192362	1.32E-02	9.45E-03
1308	561270.1	4192353	1.27E-02	9.11E-03
1309	561272.5	4192344	1.23E-02	8.78E-03
1310	561274.9	4192335	1.18E-02	8.44E-03
1311	561277.3	4192326	1.13E-02	8.10E-03
1312	561279.7	4192317	1.09E-02	7.77E-03
1313	561282.2	4192308	1.04E-02	7.44E-03
1314	561284.6	4192299	9.95E-03	7.11E-03
1315	561287	4192290	9.51E-03	6.80E-03
1316	561272.5	4192383	1.26E-02	8.98E-03
1317	561274.9	4192374	1.22E-02	8.69E-03
1318	561277.3	4192365	1.17E-02	8.40E-03
1319	561279.7	4192356	1.13E-02	8.11E-03
1320	561282.1	4192347	1.09E-02	7.82E-03
1321	561284.6	4192338	1.05E-02	7.54E-03
1322	561287	4192329	1.01E-02	7.26E-03
1323	561289.4	4192319	9.75E-03	6.98E-03
1324	561291.8	4192310	9.37E-03	6.70E-03
1325	561294.2	4192301	9.00E-03	6.44E-03
1326	561296.7	4192292	8.64E-03	6.18E-03
1327	561282.1	4192386	1.12E-02	8.04E-03
1328	561284.5	4192377	1.09E-02	7.80E-03
1329	561287	4192367	1.06E-02	7.55E-03
1330	561289.4	4192358	1.02E-02	7.30E-03
1331	561291.8	4192349	9.85E-03	7.05E-03
1332	561294.2	4192340	9.51E-03	6.80E-03
1333	561296.6	4192331	9.17E-03	6.56E-03
1334	561299.1	4192322	8.84E-03	6.32E-03
1335	561301.5	4192313	8.52E-03	6.09E-03
1336	561303.9	4192304	8.21E-03	5.87E-03
1337	561306.3	4192295	7.91E-03	5.66E-03
1338	561291.8	4192388	1.02E-02	7.26E-03
1339	561294.2	4192379	9.86E-03	7.05E-03
1340	561296.6	4192370	9.55E-03	6.83E-03
1341	561299	4192361	9.25E-03	6.61E-03
1342	561301.5	4192352	8.95E-03	6.40E-03
1343	561303.9	4192343	8.65E-03	6.19E-03
1344	561306.3	4192334	8.36E-03	5.98E-03
1345	561308.7	4192325	8.08E-03	5.78E-03
1346	561311.2	4192315	7.80E-03	5.58E-03

1347	561313.6	4192306	7.54E-03	5.39E-03
1348	561316	4192297	7.28E-03	5.21E-03
1349	561320.8	4192396	7.73E-03	5.53E-03
1350	561323.2	4192387	7.54E-03	5.39E-03
1351	561332.9	4192350	6.75E-03	4.83E-03
1352	561335.3	4192341	6.56E-03	4.69E-03
1353	561337.7	4192332	6.37E-03	4.55E-03
1354	561340.1	4192323	6.19E-03	4.43E-03
1355	561342.6	4192314	6.02E-03	4.30E-03
1356	561345	4192305	5.85E-03	4.19E-03
1357	561330.4	4192399	7.13E-03	5.10E-03
1358	561332.9	4192389	6.97E-03	4.98E-03
1359	561342.5	4192353	6.27E-03	4.48E-03
1360	561345	4192344	6.10E-03	4.36E-03
1361	561347.4	4192335	5.93E-03	4.24E-03
1362	561349.8	4192326	5.78E-03	4.13E-03
1363	561352.2	4192317	5.63E-03	4.03E-03
1364	561354.6	4192308	5.48E-03	3.92E-03
1365	561340.1	4192401	6.60E-03	4.72E-03
1366	561342.5	4192392	6.46E-03	4.62E-03
1367	561352.2	4192356	5.85E-03	4.18E-03
1368	561354.6	4192347	5.69E-03	4.07E-03
1369	561357	4192337	5.55E-03	3.97E-03
1370	561359.5	4192328	5.41E-03	3.87E-03
1371	561361.9	4192319	5.28E-03	3.78E-03
1372	561364.3	4192310	5.15E-03	3.68E-03
1373	561349.8	4192404	6.13E-03	4.39E-03
1374	561352.2	4192395	6.01E-03	4.30E-03
1375	561364.3	4192349	5.34E-03	3.82E-03
1376	561366.7	4192340	5.21E-03	3.72E-03
1377	561369.1	4192331	5.08E-03	3.64E-03
1378	561371.6	4192322	4.97E-03	3.55E-03
1379	561374	4192313	4.85E-03	3.47E-03
1380	561217	4192241	2.13E-02	1.52E-02
1381	561207.5	4192238	2.43E-02	1.74E-02
1382	561197.9	4192236	2.70E-02	1.93E-02
1383	561188.4	4192234	2.93E-02	2.10E-02
1384	561178.9	4192231	3.12E-02	2.23E-02
1385	561169.4	4192229	3.25E-02	2.33E-02
1386	561159.8	4192227	3.34E-02	2.39E-02
1387	561150.3	4192224	3.38E-02	2.41E-02
1388	561121.7	4192217	3.49E-02	2.49E-02
1389	561112.2	4192215	3.59E-02	2.56E-02
1390	561102.6	4192213	3.67E-02	2.62E-02
1391	561093.1	4192210	3.71E-02	2.65E-02
1392	561083.6	4192208	3.71E-02	2.65E-02
1393	561074	4192206	3.66E-02	2.61E-02
1394	561064.5	4192203	3.54E-02	2.53E-02
1395	561055	4192201	3.33E-02	2.38E-02
1396	561219.4	4192231	1.80E-02	1.29E-02
1397	561209.9	4192229	2.02E-02	1.45E-02
1398	561200.3	4192226	2.23E-02	1.60E-02

1399	561190.8	4192224	2.42E-02	1.73E-02
1400	561181.3	4192222	2.57E-02	1.84E-02
1401	561171.7	4192219	2.70E-02	1.93E-02
1402	561162.2	4192217	2.78E-02	1.99E-02
1403	561152.7	4192215	2.83E-02	2.03E-02
1404	561124.1	4192208	2.96E-02	2.12E-02
1405	561114.5	4192205	3.03E-02	2.16E-02
1406	561105	4192203	3.08E-02	2.20E-02
1407	561095.5	4192201	3.11E-02	2.23E-02
1408	561086	4192198	3.11E-02	2.23E-02
1409	561076.4	4192196	3.08E-02	2.20E-02
1410	561066.9	4192194	2.99E-02	2.14E-02
1411	561057.4	4192191	2.85E-02	2.04E-02
1412	561257.2	4192250	1.19E-02	8.49E-03
1413	561221.8	4192221	1.56E-02	1.12E-02
1414	561212.3	4192219	1.73E-02	1.24E-02
1415	561202.7	4192217	1.89E-02	1.36E-02
1416	561193.2	4192214	2.05E-02	1.46E-02
1417	561183.7	4192212	2.18E-02	1.56E-02
1418	561174.1	4192210	2.28E-02	1.63E-02
1419	561164.6	4192207	2.37E-02	1.69E-02
1420	561155.1	4192205	2.42E-02	1.73E-02
1421	561126.5	4192198	2.56E-02	1.83E-02
1422	561116.9	4192196	2.61E-02	1.87E-02
1423	561107.4	4192193	2.65E-02	1.89E-02
1424	561097.9	4192191	2.67E-02	1.91E-02
1425	561088.3	4192189	2.67E-02	1.91E-02
1426	561078.8	4192186	2.65E-02	1.89E-02
1427	561069.3	4192184	2.59E-02	1.85E-02
1428	561059.7	4192181	2.49E-02	1.78E-02
1429	561266.1	4192247	1.04E-02	7.46E-03
1430	561267.4	4192256	1.08E-02	7.72E-03
1431	561224.2	4192212	1.37E-02	9.83E-03
1432	561214.6	4192209	1.51E-02	1.08E-02
1433	561205.1	4192207	1.64E-02	1.17E-02
1434	561195.6	4192205	1.77E-02	1.26E-02
1435	561186	4192202	1.88E-02	1.34E-02
1436	561176.5	4192200	1.97E-02	1.41E-02
1437	561167	4192198	2.05E-02	1.46E-02
1438	561157.4	4192195	2.11E-02	1.51E-02
1439	561128.9	4192188	2.25E-02	1.61E-02
1440	561119.3	4192186	2.29E-02	1.63E-02
1441	561109.8	4192183	2.32E-02	1.66E-02
1442	561100.3	4192181	2.34E-02	1.67E-02
1443	561090.7	4192179	2.34E-02	1.67E-02
1444	561081.2	4192176	2.32E-02	1.66E-02
1445	561071.7	4192174	2.27E-02	1.63E-02
1446	561062.1	4192172	2.21E-02	1.58E-02
1447	561265.9	4192226	9.28E-03	6.64E-03
1448	561274.7	4192241	9.22E-03	6.59E-03
1449	561275.9	4192250	9.53E-03	6.81E-03
1450	561277.2	4192259	9.77E-03	6.99E-03

1451	561236.1	4192204	1.12E-02	8.01E-03
1452	561226.6	4192202	1.23E-02	8.77E-03
1453	561217	4192200	1.34E-02	9.56E-03
1454	561207.5	4192197	1.45E-02	1.03E-02
1455	561198	4192195	1.55E-02	1.11E-02
1456	561188.4	4192192	1.64E-02	1.18E-02
1457	561178.9	4192190	1.73E-02	1.23E-02
1458	561169.4	4192188	1.80E-02	1.28E-02
1459	561159.8	4192185	1.85E-02	1.33E-02
1460	561131.2	4192178	1.99E-02	1.42E-02
1461	561121.7	4192176	2.03E-02	1.45E-02
1462	561112.2	4192174	2.05E-02	1.47E-02
1463	561102.6	4192171	2.07E-02	1.48E-02
1464	561093.1	4192169	2.07E-02	1.48E-02
1465	561083.6	4192167	2.06E-02	1.47E-02
1466	561074	4192164	2.03E-02	1.45E-02
1467	561064.5	4192162	1.98E-02	1.41E-02
1468	561267.5	4192216	8.58E-03	6.13E-03
1469	561274.7	4192221	8.25E-03	5.90E-03
1470	561283.2	4192236	8.23E-03	5.89E-03
1471	561284.5	4192245	8.50E-03	6.08E-03
1472	561286.9	4192263	8.90E-03	6.36E-03
1473	561228.9	4192192	1.11E-02	7.91E-03
1474	561219.4	4192190	1.20E-02	8.56E-03
1475	561209.9	4192187	1.29E-02	9.21E-03
1476	561200.3	4192185	1.38E-02	9.84E-03
1477	561190.8	4192183	1.46E-02	1.04E-02
1478	561181.3	4192180	1.53E-02	1.09E-02
1479	561171.7	4192178	1.59E-02	1.14E-02
1480	561162.2	4192176	1.65E-02	1.18E-02
1481	561133.6	4192169	1.78E-02	1.27E-02
1482	561124.1	4192166	1.81E-02	1.30E-02
1483	561114.6	4192164	1.84E-02	1.32E-02
1484	561105	4192162	1.86E-02	1.33E-02
1485	561095.5	4192159	1.86E-02	1.33E-02
1486	561086	4192157	1.85E-02	1.32E-02
1487	561076.4	4192155	1.82E-02	1.30E-02
1488	561066.9	4192152	1.79E-02	1.28E-02
1489	561276.4	4192211	7.67E-03	5.48E-03
1490	561283.5	4192216	7.41E-03	5.30E-03
1491	561291.8	4192230	7.42E-03	5.30E-03
1492	561294.2	4192248	7.86E-03	5.62E-03
1493	561296.7	4192265	8.15E-03	5.83E-03
1494	561231.3	4192182	1.00E-02	7.18E-03
1495	561221.8	4192180	1.08E-02	7.74E-03
1496	561212.3	4192178	1.16E-02	8.29E-03
1497	561202.7	4192175	1.23E-02	8.83E-03
1498	561193.2	4192173	1.30E-02	9.33E-03
1499	561183.7	4192171	1.37E-02	9.79E-03
1500	561174.1	4192168	1.43E-02	1.02E-02
1501	561164.6	4192166	1.48E-02	1.06E-02
1502	561136	4192159	1.61E-02	1.15E-02

1503	561126.5	4192157	1.64E-02	1.17E-02
1504	561116.9	4192154	1.66E-02	1.19E-02
1505	561107.4	4192152	1.68E-02	1.20E-02
1506	561097.9	4192150	1.68E-02	1.20E-02
1507	561088.3	4192147	1.67E-02	1.20E-02
1508	561078.8	4192145	1.66E-02	1.18E-02
1509	561069.3	4192143	1.63E-02	1.16E-02
1510	561278.2	4192201	7.14E-03	5.11E-03
1511	561292.2	4192211	6.71E-03	4.80E-03
1512	561300.4	4192225	6.73E-03	4.82E-03
1513	561302.8	4192242	7.13E-03	5.10E-03
1514	561305.2	4192260	7.42E-03	5.30E-03
1515	561233.7	4192173	9.18E-03	6.57E-03
1516	561224.2	4192170	9.85E-03	7.05E-03
1517	561214.6	4192168	1.05E-02	7.52E-03
1518	561205.1	4192166	1.12E-02	7.99E-03
1519	561195.6	4192163	1.18E-02	8.43E-03
1520	561186	4192161	1.24E-02	8.85E-03
1521	561176.5	4192159	1.29E-02	9.23E-03
1522	561167	4192156	1.34E-02	9.58E-03
1523	561138.4	4192149	1.46E-02	1.04E-02
1524	561128.9	4192147	1.49E-02	1.06E-02
1525	561119.3	4192145	1.51E-02	1.08E-02
1526	561109.8	4192142	1.53E-02	1.09E-02
1527	561100.3	4192140	1.53E-02	1.09E-02
1528	561090.7	4192138	1.53E-02	1.09E-02
1529	561081.2	4192135	1.51E-02	1.08E-02
1530	561071.7	4192133	1.49E-02	1.07E-02
1531	561276.7	4192188	6.77E-03	4.84E-03
1532	561284.5	4192194	6.54E-03	4.67E-03
1533	561292.3	4192200	6.32E-03	4.52E-03
1534	561300	4192206	6.13E-03	4.39E-03
1535	561309.1	4192221	6.18E-03	4.42E-03
1536	561310.5	4192231	6.38E-03	4.56E-03
1537	561311.8	4192240	6.57E-03	4.70E-03
1538	561313.1	4192250	6.73E-03	4.81E-03
1539	561314.4	4192259	6.85E-03	4.90E-03
1540	561315.8	4192269	6.94E-03	4.96E-03
1541	561245.6	4192165	7.88E-03	5.64E-03
1542	561236.1	4192163	8.45E-03	6.04E-03
1543	561226.6	4192161	9.03E-03	6.46E-03
1544	561217	4192158	9.61E-03	6.87E-03
1545	561207.5	4192156	1.02E-02	7.28E-03
1546	561198	4192154	1.07E-02	7.68E-03
1547	561188.4	4192151	1.13E-02	8.05E-03
1548	561178.9	4192149	1.18E-02	8.40E-03
1549	561169.4	4192147	1.22E-02	8.73E-03
1550	561150.3	4192142	1.30E-02	9.30E-03
1551	561140.8	4192140	1.33E-02	9.53E-03
1552	561131.2	4192137	1.36E-02	9.73E-03
1553	561121.7	4192135	1.38E-02	9.88E-03
1554	561112.2	4192133	1.40E-02	9.98E-03

1555	561102.6	4192130	1.40E-02	1.00E-02
1556	561093.1	4192128	1.40E-02	1.00E-02
1557	561083.6	4192126	1.39E-02	9.94E-03
1558	561074.1	4192123	1.37E-02	9.81E-03
1559	561278.4	4192178	6.35E-03	4.54E-03
1560	561286	4192184	6.13E-03	4.39E-03
1561	561293.6	4192189	5.94E-03	4.25E-03
1562	561301.2	4192195	5.77E-03	4.13E-03
1563	561308.8	4192201	5.62E-03	4.02E-03
1564	561317.7	4192216	5.67E-03	4.05E-03
1565	561319	4192225	5.85E-03	4.19E-03
1566	561320.3	4192234	6.03E-03	4.31E-03
1567	561321.6	4192244	6.17E-03	4.42E-03
1568	561322.9	4192253	6.30E-03	4.50E-03
1569	561324.2	4192263	6.39E-03	4.57E-03
1570	561325.5	4192272	6.46E-03	4.62E-03
1571	561248	4192156	7.31E-03	5.23E-03
1572	561238.5	4192153	7.81E-03	5.59E-03
1573	561228.9	4192151	8.32E-03	5.95E-03
1574	561219.4	4192149	8.84E-03	6.32E-03
1575	561209.9	4192146	9.35E-03	6.68E-03
1576	561200.3	4192144	9.84E-03	7.04E-03
1577	561190.8	4192142	1.03E-02	7.38E-03
1578	561181.3	4192139	1.08E-02	7.70E-03
1579	561171.8	4192137	1.12E-02	8.00E-03
1580	561152.7	4192132	1.19E-02	8.53E-03
1581	561143.2	4192130	1.22E-02	8.75E-03
1582	561133.6	4192128	1.25E-02	8.93E-03
1583	561124.1	4192125	1.27E-02	9.08E-03
1584	561114.6	4192123	1.28E-02	9.17E-03
1585	561105	4192121	1.29E-02	9.22E-03
1586	561095.5	4192118	1.29E-02	9.22E-03
1587	561086	4192116	1.28E-02	9.17E-03
1588	561076.4	4192113	1.27E-02	9.08E-03
1589	561280.2	4192168	5.96E-03	4.26E-03
1590	561287.7	4192174	5.76E-03	4.12E-03
1591	561295.2	4192179	5.59E-03	4.00E-03
1592	561302.6	4192185	5.43E-03	3.89E-03
1593	561310.1	4192190	5.30E-03	3.79E-03
1594	561317.5	4192196	5.17E-03	3.70E-03
1595	561326.3	4192210	5.23E-03	3.74E-03
1596	561327.6	4192220	5.40E-03	3.86E-03
1597	561328.8	4192229	5.55E-03	3.97E-03
1598	561330.1	4192238	5.69E-03	4.07E-03
1599	561331.4	4192247	5.81E-03	4.16E-03
1600	561332.6	4192256	5.91E-03	4.22E-03
1601	561250.4	4192146	6.81E-03	4.87E-03
1602	561240.9	4192144	7.26E-03	5.19E-03
1603	561231.3	4192141	7.71E-03	5.52E-03
1604	561221.8	4192139	8.17E-03	5.84E-03
1605	561212.3	4192137	8.63E-03	6.17E-03
1606	561202.7	4192134	9.07E-03	6.49E-03

1607	561193.2	4192132	9.50E-03	6.80E-03
1608	561183.7	4192130	9.92E-03	7.09E-03
1609	561174.1	4192127	1.03E-02	7.37E-03
1610	561155.1	4192123	1.10E-02	7.86E-03
1611	561145.5	4192120	1.13E-02	8.06E-03
1612	561136	4192118	1.15E-02	8.24E-03
1613	561126.5	4192115	1.17E-02	8.37E-03
1614	561116.9	4192113	1.18E-02	8.47E-03
1615	561107.4	4192111	1.19E-02	8.52E-03
1616	561097.9	4192108	1.19E-02	8.53E-03
1617	561088.4	4192106	1.19E-02	8.50E-03
1618	561078.8	4192104	1.18E-02	8.43E-03
1619	561282.2	4192158	5.60E-03	4.01E-03
1620	561289.5	4192163	5.43E-03	3.88E-03
1621	561296.9	4192169	5.27E-03	3.77E-03
1622	561304.2	4192174	5.13E-03	3.67E-03
1623	561311.6	4192180	5.00E-03	3.57E-03
1624	561318.9	4192185	4.89E-03	3.49E-03
1625	561326.3	4192191	4.78E-03	3.42E-03
1626	561334.9	4192205	4.84E-03	3.46E-03
1627	561336.1	4192214	4.99E-03	3.57E-03
1628	561337.4	4192223	5.14E-03	3.68E-03
1629	561338.6	4192232	5.27E-03	3.77E-03
1630	561344.9	4192278	5.65E-03	4.04E-03
1631	561233.7	4192132	7.18E-03	5.13E-03
1632	561224.2	4192129	7.59E-03	5.43E-03
1633	561214.6	4192127	8.00E-03	5.72E-03
1634	561205.1	4192125	8.41E-03	6.01E-03
1635	561195.6	4192122	8.80E-03	6.29E-03
1636	561186.1	4192120	9.18E-03	6.56E-03
1637	561176.5	4192117	9.53E-03	6.82E-03
1638	561157.5	4192113	1.02E-02	7.27E-03
1639	561147.9	4192110	1.04E-02	7.46E-03
1640	561138.4	4192108	1.07E-02	7.62E-03
1641	561128.9	4192106	1.08E-02	7.75E-03
1642	561119.3	4192103	1.10E-02	7.85E-03
1643	561109.8	4192101	1.11E-02	7.90E-03
1644	561100.3	4192099	1.11E-02	7.92E-03
1645	561090.7	4192096	1.11E-02	7.90E-03
1646	561081.2	4192094	1.10E-02	7.85E-03
1647	561291.4	4192153	5.12E-03	3.66E-03
1648	561305.9	4192164	4.84E-03	3.46E-03
1649	561320.5	4192175	4.62E-03	3.30E-03
1650	561335	4192186	4.44E-03	3.18E-03
1651	561343.5	4192200	4.50E-03	3.22E-03
1652	561344.7	4192209	4.64E-03	3.32E-03
1653	561350.9	4192254	5.18E-03	3.70E-03
1654	561352.1	4192263	5.24E-03	3.75E-03
1655	561354.6	4192281	5.31E-03	3.80E-03
1656	561296.4	4192146	4.79E-03	3.42E-03
1657	561304.2	4192151	4.65E-03	3.32E-03
1658	561312	4192157	4.52E-03	3.23E-03

1659	561319.7	4192163	4.40E-03	3.15E-03
1660	561327.5	4192169	4.31E-03	3.08E-03
1661	561335.3	4192174	4.22E-03	3.02E-03
1662	561343	4192180	4.14E-03	2.96E-03
1663	561357.4	4192234	4.71E-03	3.37E-03
1664	561358.8	4192244	4.80E-03	3.44E-03
1665	561360.1	4192253	4.88E-03	3.49E-03
1666	561361.4	4192263	4.94E-03	3.53E-03
1667	561362.8	4192272	4.98E-03	3.56E-03
1668	561364.1	4192282	5.00E-03	3.58E-03
1669	561257.5	4192117	5.63E-03	4.02E-03
1670	561248	4192114	5.96E-03	4.26E-03
1671	561238.5	4192112	6.29E-03	4.50E-03
1672	561229	4192110	6.63E-03	4.74E-03
1673	561219.4	4192107	6.97E-03	4.99E-03
1674	561209.9	4192105	7.31E-03	5.23E-03
1675	561200.4	4192103	7.64E-03	5.46E-03
1676	561190.8	4192100	7.96E-03	5.69E-03
1677	561181.3	4192098	8.26E-03	5.91E-03
1678	561162.2	4192093	8.80E-03	6.29E-03
1679	561152.7	4192091	9.03E-03	6.46E-03
1680	561143.2	4192089	9.23E-03	6.60E-03
1681	561133.6	4192086	9.39E-03	6.72E-03
1682	561124.1	4192084	9.51E-03	6.80E-03
1683	561114.6	4192082	9.60E-03	6.86E-03
1684	561105	4192079	9.64E-03	6.89E-03
1685	561095.5	4192077	9.64E-03	6.90E-03
1686	561086	4192075	9.61E-03	6.87E-03
1687	561321.2	4192152	4.18E-03	2.99E-03
1688	561328.8	4192158	4.09E-03	2.92E-03
1689	561336.5	4192164	4.01E-03	2.86E-03
1690	561344.1	4192170	3.93E-03	2.81E-03
1691	561351.8	4192175	3.87E-03	2.77E-03
1692	561363.3	4192209	4.19E-03	2.99E-03
1693	561364.6	4192219	4.30E-03	3.08E-03
1694	561365.9	4192228	4.40E-03	3.15E-03
1695	561367.3	4192238	4.50E-03	3.21E-03
1696	561368.6	4192247	4.57E-03	3.27E-03
1697	561369.9	4192256	4.63E-03	3.31E-03
1698	561371.2	4192266	4.68E-03	3.34E-03
1699	561372.5	4192275	4.71E-03	3.37E-03
1700	561373.8	4192285	4.73E-03	3.38E-03
1701	561259.9	4192107	5.31E-03	3.80E-03
1702	561250.4	4192105	5.61E-03	4.02E-03
1703	561240.9	4192102	5.92E-03	4.24E-03
1704	561231.3	4192100	6.23E-03	4.46E-03
1705	561221.8	4192098	6.55E-03	4.68E-03
1706	561212.3	4192095	6.85E-03	4.90E-03
1707	561202.7	4192093	7.15E-03	5.12E-03
1708	561193.2	4192091	7.45E-03	5.32E-03
1709	561183.7	4192088	7.72E-03	5.52E-03
1710	561164.6	4192084	8.22E-03	5.88E-03

1711	561155.1	4192081	8.44E-03	6.03E-03
1712	561145.6	4192079	8.62E-03	6.17E-03
1713	561136	4192077	8.78E-03	6.28E-03
1714	561126.5	4192074	8.90E-03	6.36E-03
1715	561117	4192072	8.98E-03	6.42E-03
1716	561107.4	4192070	9.03E-03	6.46E-03
1717	561097.9	4192067	9.04E-03	6.47E-03
1718	561088.4	4192065	9.02E-03	6.45E-03
1719	561292.5	4192120	4.45E-03	3.18E-03
1720	561300.1	4192125	4.32E-03	3.09E-03
1721	561307.6	4192131	4.19E-03	3.00E-03
1722	561345.4	4192159	3.74E-03	2.67E-03
1723	561352.9	4192165	3.68E-03	2.63E-03
1724	561369.3	4192185	3.69E-03	2.64E-03
1725	561370.6	4192194	3.81E-03	2.72E-03
1726	561371.9	4192204	3.92E-03	2.80E-03
1727	561373.2	4192213	4.03E-03	2.88E-03
1728	561374.5	4192222	4.13E-03	2.95E-03
1729	561375.8	4192232	4.22E-03	3.02E-03
1730	561377	4192241	4.29E-03	3.07E-03
1731	561378.3	4192250	4.36E-03	3.11E-03
1732	561379.6	4192260	4.40E-03	3.15E-03
1733	561380.9	4192269	4.44E-03	3.17E-03
1734	561382.2	4192278	4.46E-03	3.19E-03
1735	561383.5	4192288	4.48E-03	3.20E-03
1736	561262.3	4192097	5.03E-03	3.60E-03
1737	561252.8	4192095	5.31E-03	3.79E-03
1738	561243.3	4192093	5.59E-03	4.00E-03
1739	561233.7	4192090	5.88E-03	4.20E-03
1740	561224.2	4192088	6.16E-03	4.41E-03
1741	561214.7	4192086	6.44E-03	4.61E-03
1742	561205.1	4192083	6.72E-03	4.81E-03
1743	561195.6	4192081	6.99E-03	5.00E-03
1744	561186.1	4192079	7.25E-03	5.18E-03
1745	561167	4192074	7.71E-03	5.51E-03
1746	561157.5	4192072	7.91E-03	5.66E-03
1747	561147.9	4192069	8.08E-03	5.78E-03
1748	561138.4	4192067	8.23E-03	5.88E-03
1749	561128.9	4192065	8.34E-03	5.97E-03
1750	561119.3	4192062	8.43E-03	6.03E-03
1751	561109.8	4192060	8.48E-03	6.06E-03
1752	561100.3	4192058	8.50E-03	6.08E-03
1753	561090.7	4192055	8.49E-03	6.07E-03
1754	561294.5	4192110	4.24E-03	3.03E-03
1755	561302	4192115	4.11E-03	2.94E-03
1756	561309.5	4192121	4.00E-03	2.86E-03
1757	561316.9	4192126	3.89E-03	2.78E-03
1758	561324.4	4192132	3.79E-03	2.71E-03
1759	561331.9	4192137	3.70E-03	2.65E-03
1760	561377.9	4192180	3.47E-03	2.48E-03
1761	561379.2	4192189	3.58E-03	2.56E-03
1762	561380.4	4192198	3.68E-03	2.63E-03

1763	561381.7	4192207	3.79E-03	2.71E-03
1764	561383	4192217	3.88E-03	2.77E-03
1765	561384.3	4192226	3.97E-03	2.84E-03
1766	561385.5	4192235	4.04E-03	2.89E-03
1767	561386.8	4192244	4.10E-03	2.93E-03
1768	561388.1	4192254	4.15E-03	2.97E-03
1769	561389.4	4192263	4.19E-03	3.00E-03
1770	561390.6	4192272	4.22E-03	3.02E-03
1771	561391.9	4192281	4.24E-03	3.03E-03
1772	561393.2	4192290	4.25E-03	3.04E-03
1773	561264.7	4192088	4.77E-03	3.41E-03
1774	561255.2	4192085	5.03E-03	3.60E-03
1775	561245.6	4192083	5.29E-03	3.78E-03
1776	561236.1	4192081	5.55E-03	3.97E-03
1777	561226.6	4192078	5.82E-03	4.16E-03
1778	561217	4192076	6.08E-03	4.35E-03
1779	561207.5	4192074	6.33E-03	4.53E-03
1780	561198	4192071	6.58E-03	4.70E-03
1781	561188.4	4192069	6.82E-03	4.87E-03
1782	561169.4	4192064	7.24E-03	5.18E-03
1783	561159.9	4192062	7.43E-03	5.31E-03
1784	561150.3	4192060	7.59E-03	5.43E-03
1785	561140.8	4192057	7.73E-03	5.53E-03
1786	561131.3	4192055	7.84E-03	5.61E-03
1787	561121.7	4192053	7.92E-03	5.66E-03
1788	561112.2	4192050	7.97E-03	5.70E-03
1789	561102.7	4192048	8.00E-03	5.72E-03
1790	561093.1	4192046	8.00E-03	5.72E-03
1791	561298.6	4192101	4.01E-03	2.87E-03
1792	561306.5	4192107	3.89E-03	2.78E-03
1793	561314.3	4192113	3.77E-03	2.70E-03
1794	561322.2	4192119	3.67E-03	2.62E-03
1795	561330.1	4192125	3.57E-03	2.55E-03
1796	561338	4192131	3.49E-03	2.49E-03
1797	561345.8	4192136	3.41E-03	2.44E-03
1798	561353.7	4192142	3.35E-03	2.40E-03
1799	561386.6	4192175	3.28E-03	2.34E-03
1800	561387.9	4192185	3.38E-03	2.42E-03
1801	561389.3	4192195	3.49E-03	2.49E-03
1802	561390.6	4192204	3.59E-03	2.57E-03
1803	561391.9	4192214	3.68E-03	2.63E-03
1804	561393.3	4192224	3.77E-03	2.69E-03
1805	561394.6	4192234	3.84E-03	2.75E-03
1806	561396	4192243	3.90E-03	2.79E-03
1807	561397.3	4192253	3.95E-03	2.82E-03
1808	561398.7	4192263	3.99E-03	2.85E-03
1809	561400	4192272	4.01E-03	2.87E-03
1810	561401.4	4192282	4.03E-03	2.88E-03
1811	561402.7	4192292	4.04E-03	2.89E-03
1812	561267.1	4192078	4.54E-03	3.24E-03
1813	561257.6	4192076	4.77E-03	3.41E-03
1814	561248	4192073	5.02E-03	3.59E-03

1815	561238.5	4192071	5.26E-03	3.76E-03
1816	561229	4192069	5.50E-03	3.93E-03
1817	561219.4	4192066	5.74E-03	4.11E-03
1818	561209.9	4192064	5.98E-03	4.28E-03
1819	561200.4	4192062	6.21E-03	4.44E-03
1820	561190.8	4192059	6.43E-03	4.60E-03
1821	561171.8	4192055	6.82E-03	4.88E-03
1822	561162.2	4192052	6.99E-03	5.00E-03
1823	561152.7	4192050	7.15E-03	5.11E-03
1824	561143.2	4192048	7.27E-03	5.20E-03
1825	561133.6	4192045	7.38E-03	5.28E-03
1826	561124.1	4192043	7.46E-03	5.33E-03
1827	561114.6	4192040	7.51E-03	5.37E-03
1828	561105	4192038	7.55E-03	5.40E-03
1829	561095.5	4192036	7.56E-03	5.41E-03
1830	561300.6	4192091	3.83E-03	2.74E-03
1831	561308.3	4192097	3.72E-03	2.66E-03
1832	561316.1	4192103	3.61E-03	2.58E-03
1833	561323.9	4192109	3.51E-03	2.51E-03
1834	561331.6	4192114	3.42E-03	2.44E-03
1835	561339.4	4192120	3.33E-03	2.38E-03
1836	561347.2	4192126	3.26E-03	2.33E-03
1837	561355	4192132	3.20E-03	2.29E-03
1838	561362.7	4192137	3.15E-03	2.25E-03
1839	561378.3	4192149	3.06E-03	2.19E-03
1840	561396.5	4192180	3.19E-03	2.28E-03
1841	561397.8	4192189	3.29E-03	2.35E-03
1842	561399.1	4192199	3.38E-03	2.42E-03
1843	561400.5	4192208	3.47E-03	2.48E-03
1844	561401.8	4192218	3.55E-03	2.54E-03
1845	561404.4	4192237	3.69E-03	2.64E-03
1846	561405.8	4192247	3.74E-03	2.67E-03
1847	561407.1	4192256	3.78E-03	2.70E-03
1848	561408.4	4192266	3.81E-03	2.72E-03
1849	561409.7	4192276	3.83E-03	2.74E-03
1850	561411.1	4192285	3.84E-03	2.75E-03
1851	561412.4	4192295	3.84E-03	2.75E-03
1852	561269.5	4192068	4.32E-03	3.09E-03
1853	561259.9	4192066	4.54E-03	3.25E-03
1854	561250.4	4192064	4.77E-03	3.41E-03
1855	561240.9	4192061	4.99E-03	3.57E-03
1856	561231.3	4192059	5.22E-03	3.73E-03
1857	561221.8	4192057	5.44E-03	3.89E-03
1858	561212.3	4192054	5.66E-03	4.05E-03
1859	561202.7	4192052	5.87E-03	4.20E-03
1860	561193.2	4192050	6.07E-03	4.34E-03
1861	561174.2	4192045	6.44E-03	4.61E-03
1862	561164.6	4192042	6.60E-03	4.72E-03
1863	561155.1	4192040	6.74E-03	4.82E-03
1864	561145.6	4192038	6.86E-03	4.91E-03
1865	561136	4192035	6.96E-03	4.98E-03
1866	561126.5	4192033	7.04E-03	5.03E-03

1867	561117	4192031	7.10E-03	5.08E-03
1868	561107.4	4192028	7.13E-03	5.10E-03
1869	561097.9	4192026	7.15E-03	5.11E-03
1870	561302.6	4192081	3.67E-03	2.62E-03
1871	561310.3	4192087	3.56E-03	2.55E-03
1872	561317.9	4192093	3.46E-03	2.47E-03
1873	561325.6	4192098	3.36E-03	2.40E-03
1874	561333.3	4192104	3.27E-03	2.34E-03
1875	561341	4192110	3.19E-03	2.28E-03
1876	561348.7	4192116	3.12E-03	2.23E-03
1877	561356.3	4192121	3.06E-03	2.19E-03
1878	561364	4192127	3.01E-03	2.15E-03
1879	561387.1	4192144	2.89E-03	2.07E-03
1880	561394.8	4192150	2.86E-03	2.05E-03
1881	561406.4	4192184	3.11E-03	2.22E-03
1882	561407.7	4192193	3.20E-03	2.29E-03
1883	561409	4192203	3.28E-03	2.35E-03
1884	561414.2	4192241	3.54E-03	2.53E-03
1885	561415.5	4192250	3.58E-03	2.56E-03
1886	561416.9	4192260	3.62E-03	2.59E-03
1887	561418.2	4192269	3.64E-03	2.60E-03
1888	561419.5	4192279	3.66E-03	2.61E-03
1889	561420.8	4192288	3.66E-03	2.62E-03
1890	561271.9	4192059	4.13E-03	2.95E-03
1891	561262.3	4192056	4.33E-03	3.10E-03
1892	561252.8	4192054	4.54E-03	3.25E-03
1893	561243.3	4192051	4.75E-03	3.40E-03
1894	561233.7	4192049	4.96E-03	3.55E-03
1895	561224.2	4192047	5.16E-03	3.69E-03
1896	561214.7	4192044	5.37E-03	3.84E-03
1897	561205.1	4192042	5.56E-03	3.98E-03
1898	561195.6	4192040	5.75E-03	4.11E-03
1899	561176.5	4192035	6.09E-03	4.36E-03
1900	561167	4192033	6.24E-03	4.46E-03
1901	561157.5	4192030	6.37E-03	4.56E-03
1902	561147.9	4192028	6.49E-03	4.64E-03
1903	561138.4	4192026	6.58E-03	4.71E-03
1904	561128.9	4192023	6.66E-03	4.76E-03
1905	561119.3	4192021	6.72E-03	4.80E-03
1906	561109.8	4192019	6.76E-03	4.83E-03
1907	561100.3	4192016	6.78E-03	4.85E-03
1908	561304.6	4192071	3.52E-03	2.52E-03
1909	561312.2	4192077	3.42E-03	2.44E-03
1910	561319.8	4192083	3.32E-03	2.37E-03
1911	561327.4	4192088	3.23E-03	2.31E-03
1912	561335	4192094	3.14E-03	2.25E-03
1913	561342.6	4192100	3.06E-03	2.19E-03
1914	561350.2	4192105	3.00E-03	2.14E-03
1915	561357.8	4192111	2.93E-03	2.10E-03
1916	561365.4	4192116	2.88E-03	2.06E-03
1917	561388.2	4192133	2.77E-03	1.98E-03
1918	561395.8	4192139	2.74E-03	1.96E-03

1919	561403.4	4192145	2.71E-03	1.94E-03
1920	561412.3	4192160	2.77E-03	1.98E-03
1921	561414.9	4192178	2.94E-03	2.10E-03
1922	561416.2	4192188	3.02E-03	2.16E-03
1923	561424	4192244	3.41E-03	2.44E-03
1924	561425.3	4192253	3.44E-03	2.46E-03
1925	561426.6	4192263	3.47E-03	2.48E-03
1926	561274.2	4192049	3.95E-03	2.82E-03
1927	561264.7	4192046	4.14E-03	2.96E-03
1928	561255.2	4192044	4.33E-03	3.10E-03
1929	561245.6	4192042	4.52E-03	3.24E-03
1930	561236.1	4192039	4.72E-03	3.37E-03
1931	561226.6	4192037	4.91E-03	3.51E-03
1932	561217	4192035	5.10E-03	3.65E-03
1933	561207.5	4192032	5.28E-03	3.78E-03
1934	561198	4192030	5.45E-03	3.90E-03
1935	561178.9	4192025	5.77E-03	4.13E-03
1936	561169.4	4192023	5.91E-03	4.23E-03
1937	561159.9	4192021	6.04E-03	4.32E-03
1938	561150.3	4192018	6.14E-03	4.39E-03
1939	561140.8	4192016	6.23E-03	4.46E-03
1940	561131.3	4192014	6.31E-03	4.51E-03
1941	561121.7	4192011	6.37E-03	4.55E-03
1942	561112.2	4192009	6.41E-03	4.58E-03
1943	561102.7	4192007	6.43E-03	4.60E-03
1944	561306.7	4192061	3.38E-03	2.42E-03
1945	561314.3	4192067	3.28E-03	2.35E-03
1946	561321.8	4192073	3.19E-03	2.28E-03
1947	561329.3	4192078	3.10E-03	2.22E-03
1948	561336.8	4192084	3.02E-03	2.16E-03
1949	561344.4	4192089	2.94E-03	2.11E-03
1950	561351.9	4192095	2.88E-03	2.06E-03
1951	561359.4	4192101	2.82E-03	2.01E-03
1952	561366.9	4192106	2.76E-03	1.98E-03
1953	561389.5	4192123	2.65E-03	1.89E-03
1954	561397.1	4192128	2.62E-03	1.87E-03
1955	561404.6	4192134	2.59E-03	1.85E-03
1956	561412.1	4192140	2.57E-03	1.84E-03
1957	561420.9	4192154	2.63E-03	1.88E-03
1958	561422.2	4192164	2.71E-03	1.94E-03
1959	561440.2	4192294	3.35E-03	2.40E-03
1960	561441.5	4192303	3.35E-03	2.40E-03
1961	561276.6	4192039	3.78E-03	2.70E-03
1962	561267.1	4192037	3.96E-03	2.83E-03
1963	561257.6	4192034	4.14E-03	2.96E-03
1964	561248	4192032	4.32E-03	3.09E-03
1965	561238.5	4192030	4.50E-03	3.22E-03
1966	561229	4192027	4.68E-03	3.35E-03
1967	561219.4	4192025	4.85E-03	3.47E-03
1968	561209.9	4192023	5.02E-03	3.59E-03
1969	561200.4	4192020	5.18E-03	3.71E-03
1970	561181.3	4192016	5.48E-03	3.92E-03

1971	561171.8	4192013	5.61E-03	4.01E-03
1972	561162.2	4192011	5.73E-03	4.10E-03
1973	561152.7	4192009	5.83E-03	4.17E-03
1974	561143.2	4192006	5.92E-03	4.23E-03
1975	561133.6	4192004	5.99E-03	4.28E-03
1976	561124.1	4192002	6.05E-03	4.32E-03
1977	561114.6	4191999	6.09E-03	4.35E-03
1978	561105.1	4191997	6.11E-03	4.37E-03
1979	561310.4	4192053	3.23E-03	2.31E-03
1980	561318.3	4192059	3.13E-03	2.24E-03
1981	561326.1	4192064	3.04E-03	2.18E-03
1982	561334	4192070	2.96E-03	2.11E-03
1983	561341.8	4192076	2.87E-03	2.06E-03
1984	561349.7	4192082	2.80E-03	2.00E-03
1985	561357.6	4192088	2.73E-03	1.96E-03
1986	561365.4	4192093	2.67E-03	1.91E-03
1987	561373.3	4192099	2.62E-03	1.88E-03
1988	561389	4192111	2.54E-03	1.82E-03
1989	561396.8	4192117	2.51E-03	1.80E-03
1990	561404.7	4192123	2.49E-03	1.78E-03
1991	561412.5	4192128	2.46E-03	1.76E-03
1992	561420.4	4192134	2.45E-03	1.75E-03
1993	561429.6	4192150	2.51E-03	1.79E-03
1994	561430.9	4192159	2.59E-03	1.85E-03
1995	561447	4192276	3.20E-03	2.29E-03
1996	561448.3	4192285	3.21E-03	2.29E-03
1997	561449.7	4192295	3.21E-03	2.30E-03
1998	561451	4192305	3.21E-03	2.29E-03
1999	561279	4192029	3.62E-03	2.59E-03
2000	561269.5	4192027	3.79E-03	2.71E-03
2001	561259.9	4192025	3.96E-03	2.83E-03
2002	561250.4	4192022	4.13E-03	2.95E-03
2003	561240.9	4192020	4.30E-03	3.07E-03
2004	561231.3	4192018	4.46E-03	3.19E-03
2005	561221.8	4192015	4.63E-03	3.31E-03
2006	561212.3	4192013	4.78E-03	3.42E-03
2007	561202.8	4192011	4.93E-03	3.53E-03
2008	561183.7	4192006	5.21E-03	3.73E-03
2009	561174.2	4192004	5.33E-03	3.82E-03
2010	561164.6	4192001	5.44E-03	3.89E-03
2011	561155.1	4191999	5.54E-03	3.96E-03
2012	561145.6	4191997	5.62E-03	4.02E-03
2013	561136	4191994	5.69E-03	4.07E-03
2014	561126.5	4191992	5.75E-03	4.11E-03
2015	561117	4191990	5.79E-03	4.14E-03
2016	561107.4	4191987	5.82E-03	4.16E-03
2017	561312.5	4192043	3.11E-03	2.22E-03
2018	561320.3	4192049	3.02E-03	2.16E-03
2019	561328	4192054	2.93E-03	2.10E-03
2020	561335.8	4192060	2.85E-03	2.04E-03
2021	561343.6	4192066	2.77E-03	1.98E-03
2022	561351.3	4192072	2.70E-03	1.93E-03

2023	561359.1	4192077	2.63E-03	1.88E-03
2024	561366.9	4192083	2.58E-03	1.84E-03
2025	561374.7	4192089	2.52E-03	1.80E-03
2026	561390.2	4192100	2.44E-03	1.75E-03
2027	561398	4192106	2.41E-03	1.72E-03
2028	561405.8	4192112	2.38E-03	1.70E-03
2029	561413.5	4192118	2.36E-03	1.69E-03
2030	561421.3	4192123	2.34E-03	1.68E-03
2031	561451.4	4192240	3.00E-03	2.15E-03
2032	561456.7	4192279	3.07E-03	2.20E-03
2033	561458.1	4192288	3.08E-03	2.20E-03
2034	561281.4	4192020	3.48E-03	2.49E-03
2035	561271.9	4192017	3.63E-03	2.60E-03
2036	561262.3	4192015	3.79E-03	2.71E-03
2037	561252.8	4192013	3.95E-03	2.83E-03
2038	561243.3	4192010	4.11E-03	2.94E-03
2039	561233.7	4192008	4.26E-03	3.05E-03
2040	561224.2	4192006	4.42E-03	3.16E-03
2041	561214.7	4192003	4.56E-03	3.26E-03
2042	561205.1	4192001	4.71E-03	3.36E-03
2043	561186.1	4191996	4.96E-03	3.55E-03
2044	561176.5	4191994	5.08E-03	3.63E-03
2045	561167	4191992	5.18E-03	3.71E-03
2046	561157.5	4191989	5.27E-03	3.77E-03
2047	561147.9	4191987	5.35E-03	3.83E-03
2048	561138.4	4191985	5.42E-03	3.88E-03
2049	561128.9	4191982	5.47E-03	3.91E-03
2050	561119.4	4191980	5.52E-03	3.94E-03
2051	561109.8	4191978	5.55E-03	3.97E-03
2052	561314.6	4192033	3.00E-03	2.14E-03
2053	561322.3	4192039	2.91E-03	2.08E-03
2054	561330	4192044	2.83E-03	2.02E-03
2055	561337.7	4192050	2.75E-03	1.97E-03
2056	561345.4	4192056	2.68E-03	1.91E-03
2057	561353.1	4192061	2.61E-03	1.86E-03
2058	561360.8	4192067	2.54E-03	1.82E-03
2059	561368.5	4192073	2.48E-03	1.78E-03
2060	561376.2	4192078	2.43E-03	1.74E-03
2061	561399.3	4192096	2.31E-03	1.66E-03
2062	561407	4192101	2.29E-03	1.64E-03
2063	561414.7	4192107	2.27E-03	1.62E-03
2064	561422.4	4192113	2.25E-03	1.61E-03
2065	561458.6	4192225	2.83E-03	2.02E-03
2066	561459.9	4192234	2.87E-03	2.05E-03
2067	561461.2	4192244	2.90E-03	2.07E-03
2068	561283.8	4192010	3.34E-03	2.39E-03
2069	561274.2	4192008	3.49E-03	2.50E-03
2070	561264.7	4192005	3.64E-03	2.60E-03
2071	561255.2	4192003	3.79E-03	2.71E-03
2072	561245.7	4192001	3.94E-03	2.81E-03
2073	561236.1	4191998	4.08E-03	2.92E-03
2074	561226.6	4191996	4.22E-03	3.02E-03

2075	561217.1	4191994	4.36E-03	3.12E-03
2076	561188.5	4191987	4.73E-03	3.39E-03
2077	561178.9	4191984	4.84E-03	3.46E-03
2078	561169.4	4191982	4.94E-03	3.53E-03
2079	561159.9	4191980	5.03E-03	3.60E-03
2080	561150.3	4191977	5.10E-03	3.65E-03
2081	561140.8	4191975	5.17E-03	3.69E-03
2082	561131.3	4191973	5.22E-03	3.73E-03
2083	561121.7	4191970	5.26E-03	3.76E-03
2084	561112.2	4191968	5.29E-03	3.79E-03
2085	561316.7	4192023	2.89E-03	2.07E-03
2086	561324.3	4192029	2.81E-03	2.01E-03
2087	561331.9	4192034	2.73E-03	1.96E-03
2088	561339.6	4192040	2.66E-03	1.90E-03
2089	561347.2	4192046	2.59E-03	1.85E-03
2090	561354.8	4192051	2.52E-03	1.80E-03
2091	561362.5	4192057	2.46E-03	1.76E-03
2092	561370.1	4192063	2.40E-03	1.72E-03
2093	561377.7	4192068	2.35E-03	1.68E-03
2094	561400.6	4192085	2.23E-03	1.59E-03
2095	561408.3	4192091	2.20E-03	1.57E-03
2096	561415.9	4192096	2.18E-03	1.56E-03
2097	561423.5	4192102	2.16E-03	1.54E-03
2098	561468.4	4192228	2.74E-03	1.96E-03
2099	561469.7	4192238	2.77E-03	1.98E-03
2100	561471	4192247	2.80E-03	2.00E-03
2101	561326.4	4192019	2.72E-03	1.94E-03
2102	561334	4192024	2.64E-03	1.89E-03
2103	561341.5	4192030	2.57E-03	1.84E-03
2104	561349.1	4192035	2.50E-03	1.79E-03
2105	561356.7	4192041	2.44E-03	1.74E-03
2106	561364.2	4192047	2.38E-03	1.70E-03
2107	561371.8	4192052	2.32E-03	1.66E-03
2108	561379.4	4192058	2.27E-03	1.62E-03
2109	561402.1	4192075	2.15E-03	1.54E-03
2110	561409.7	4192080	2.12E-03	1.52E-03
2111	561417.2	4192086	2.10E-03	1.50E-03
2112	561424.8	4192092	2.08E-03	1.48E-03
2113	561478.2	4192232	2.66E-03	1.90E-03
2114	561479.4	4192241	2.68E-03	1.92E-03
2115	561480.7	4192250	2.70E-03	1.93E-03
2116	561353.7	4192027	2.40E-03	1.72E-03
2117	561361.5	4192033	2.34E-03	1.67E-03
2118	561369.3	4192039	2.28E-03	1.63E-03
2119	561377.2	4192045	2.22E-03	1.59E-03
2120	561385	4192051	2.17E-03	1.55E-03
2121	561400.7	4192062	2.09E-03	1.49E-03
2122	561408.5	4192068	2.05E-03	1.47E-03
2123	561416.4	4192074	2.03E-03	1.45E-03
2124	561424.2	4192080	2.00E-03	1.43E-03
2125	561432.1	4192086	1.98E-03	1.42E-03
2126	561487.3	4192231	2.56E-03	1.83E-03

2127	561488.6	4192240	2.59E-03	1.85E-03
2128	561490	4192250	2.61E-03	1.86E-03
2129	561281.4	4191978	3.11E-03	2.23E-03
2130	561271.9	4191976	3.24E-03	2.31E-03
2131	561262.3	4191974	3.36E-03	2.40E-03
2132	561252.8	4191971	3.48E-03	2.49E-03
2133	561243.3	4191969	3.60E-03	2.58E-03
2134	561233.7	4191967	3.72E-03	2.66E-03
2135	561224.2	4191964	3.83E-03	2.74E-03
2136	561214.7	4191962	3.94E-03	2.82E-03
2137	561205.1	4191960	4.04E-03	2.89E-03
2138	561195.6	4191957	4.14E-03	2.96E-03
2139	561186.1	4191955	4.23E-03	3.03E-03
2140	561176.6	4191953	4.31E-03	3.08E-03
2141	561167	4191950	4.39E-03	3.14E-03
2142	561157.5	4191948	4.45E-03	3.18E-03
2143	561148	4191946	4.51E-03	3.23E-03
2144	561138.4	4191943	4.56E-03	3.26E-03
2145	561128.9	4191941	4.60E-03	3.29E-03
2146	561119.4	4191939	4.63E-03	3.31E-03
2147	561324.4	4191994	2.60E-03	1.86E-03
2148	561332.2	4192000	2.53E-03	1.81E-03
2149	561371	4192029	2.21E-03	1.58E-03
2150	561378.8	4192035	2.15E-03	1.54E-03
2151	561386.6	4192040	2.11E-03	1.51E-03
2152	561417.7	4192063	1.96E-03	1.40E-03
2153	561425.5	4192069	1.93E-03	1.38E-03
2154	561433.2	4192075	1.91E-03	1.37E-03
2155	561283.8	4191969	3.00E-03	2.15E-03
2156	561274.3	4191966	3.12E-03	2.23E-03
2157	561264.7	4191964	3.23E-03	2.31E-03
2158	561255.2	4191962	3.35E-03	2.39E-03
2159	561245.7	4191959	3.46E-03	2.48E-03
2160	561236.1	4191957	3.57E-03	2.55E-03
2161	561226.6	4191955	3.68E-03	2.63E-03
2162	561217.1	4191952	3.78E-03	2.70E-03
2163	561207.5	4191950	3.88E-03	2.77E-03
2164	561198	4191948	3.97E-03	2.84E-03
2165	561188.5	4191945	4.05E-03	2.90E-03
2166	561178.9	4191943	4.13E-03	2.96E-03
2167	561169.4	4191941	4.20E-03	3.01E-03
2168	561159.9	4191938	4.27E-03	3.05E-03
2169	561150.3	4191936	4.32E-03	3.09E-03
2170	561140.8	4191934	4.37E-03	3.12E-03
2171	561131.3	4191931	4.41E-03	3.15E-03
2172	561121.7	4191929	4.44E-03	3.18E-03
2173	561326.5	4191984	2.52E-03	1.80E-03
2174	561334.3	4191990	2.45E-03	1.75E-03
2175	561342	4191996	2.39E-03	1.71E-03
2176	561349.7	4192001	2.32E-03	1.66E-03
2177	561357.4	4192007	2.26E-03	1.62E-03
2178	561286.2	4191959	2.90E-03	2.07E-03

2179	561276.6	4191957	3.01E-03	2.15E-03
2180	561267.1	4191954	3.12E-03	2.23E-03
2181	561257.6	4191952	3.22E-03	2.31E-03
2182	561248	4191950	3.33E-03	2.38E-03
2183	561238.5	4191947	3.43E-03	2.46E-03
2184	561229	4191945	3.53E-03	2.53E-03
2185	561219.4	4191943	3.63E-03	2.60E-03
2186	561209.9	4191940	3.72E-03	2.66E-03
2187	561200.4	4191938	3.81E-03	2.72E-03
2188	561190.9	4191936	3.89E-03	2.78E-03
2189	561181.3	4191933	3.96E-03	2.83E-03
2190	561171.8	4191931	4.03E-03	2.88E-03
2191	561162.3	4191929	4.09E-03	2.93E-03
2192	561152.7	4191926	4.14E-03	2.96E-03
2193	561143.2	4191924	4.19E-03	2.99E-03
2194	561133.7	4191922	4.23E-03	3.02E-03
2195	561124.1	4191919	4.26E-03	3.05E-03
2196	560814.6	4192518	6.92E-03	4.95E-03
2197	560817.7	4192535	6.80E-03	4.86E-03
2198	560820.7	4192553	6.69E-03	4.79E-03
2199	560804.8	4192520	6.49E-03	4.64E-03
2200	560807.8	4192537	6.37E-03	4.56E-03
2201	560810.9	4192554	6.28E-03	4.49E-03
2202	560792.9	4192506	6.24E-03	4.46E-03
2203	560794.9	4192522	6.09E-03	4.35E-03
2204	560798	4192539	5.98E-03	4.28E-03
2205	560801	4192556	5.90E-03	4.22E-03
2206	560783.1	4192507	5.87E-03	4.20E-03
2207	560785.1	4192524	5.73E-03	4.10E-03
2208	560788.1	4192541	5.63E-03	4.03E-03
2209	560791.2	4192558	5.55E-03	3.97E-03
2210	560773.2	4192508	5.55E-03	3.97E-03
2211	560775.2	4192525	5.41E-03	3.87E-03
2212	560778.3	4192542	5.31E-03	3.80E-03
2213	560781.3	4192560	5.24E-03	3.74E-03
2214	560763.4	4192511	5.24E-03	3.74E-03
2215	560765.4	4192527	5.12E-03	3.66E-03
2216	560768.4	4192544	5.03E-03	3.60E-03
2217	560771.5	4192561	4.96E-03	3.54E-03
2218	560753.6	4192512	4.97E-03	3.55E-03
2219	560752.6	4192497	5.11E-03	3.66E-03
2220	560755.6	4192529	4.85E-03	3.47E-03
2221	560758.6	4192546	4.77E-03	3.41E-03
2222	560761.6	4192563	4.70E-03	3.36E-03
2223	560743.7	4192514	4.72E-03	3.37E-03
2224	560742.7	4192497	4.86E-03	3.48E-03
2225	560745.7	4192531	4.61E-03	3.29E-03
2226	560748.8	4192548	4.53E-03	3.24E-03
2227	560751.8	4192565	4.46E-03	3.19E-03
2228	560733.8	4192515	4.49E-03	3.21E-03
2229	560735.9	4192532	4.38E-03	3.13E-03
2230	560738.9	4192549	4.31E-03	3.08E-03

2231	560742	4192567	4.24E-03	3.04E-03
2232	560724	4192518	4.27E-03	3.05E-03
2233	560726	4192534	4.17E-03	2.99E-03
2234	560729.1	4192551	4.10E-03	2.93E-03
2235	560732.1	4192568	4.04E-03	2.89E-03
2236	560716.2	4192536	3.98E-03	2.85E-03
2237	560719.2	4192553	3.92E-03	2.80E-03
2238	560722.3	4192570	3.86E-03	2.76E-03
2239	560706.3	4192538	3.80E-03	2.72E-03
2240	560709.4	4192555	3.74E-03	2.68E-03
2241	560712.4	4192572	3.69E-03	2.64E-03
2242	560699.5	4192556	3.58E-03	2.56E-03
2243	560702.6	4192574	3.53E-03	2.52E-03
2244	560692.7	4192575	3.38E-03	2.42E-03
2245	560834.1	4192584	6.89E-03	4.93E-03
2246	560828.8	4192574	6.78E-03	4.85E-03
2247	560823.6	4192564	6.67E-03	4.77E-03
2248	560842.7	4192621	6.87E-03	4.92E-03
2249	560837.4	4192611	6.75E-03	4.83E-03
2250	560832.2	4192601	6.63E-03	4.74E-03
2251	560826.9	4192591	6.51E-03	4.66E-03
2252	560821.6	4192580	6.40E-03	4.58E-03
2253	560816.3	4192570	6.30E-03	4.51E-03
2254	560840.9	4192638	6.63E-03	4.74E-03
2255	560835.6	4192628	6.51E-03	4.65E-03
2256	560830.3	4192618	6.39E-03	4.57E-03
2257	560825	4192608	6.27E-03	4.49E-03
2258	560819.7	4192597	6.16E-03	4.41E-03
2259	560814.4	4192587	6.06E-03	4.33E-03
2260	560809.2	4192577	5.97E-03	4.27E-03
2261	560803.9	4192567	5.88E-03	4.21E-03
2262	560839	4192655	6.39E-03	4.57E-03
2263	560833.7	4192645	6.28E-03	4.49E-03
2264	560828.4	4192635	6.17E-03	4.41E-03
2265	560823.2	4192625	6.06E-03	4.33E-03
2266	560817.9	4192615	5.95E-03	4.26E-03
2267	560812.6	4192604	5.85E-03	4.18E-03
2268	560807.3	4192594	5.75E-03	4.11E-03
2269	560802	4192584	5.66E-03	4.05E-03
2270	560796.7	4192574	5.57E-03	3.99E-03
2271	560837.2	4192672	6.17E-03	4.41E-03
2272	560831.9	4192662	6.07E-03	4.34E-03
2273	560826.6	4192652	5.97E-03	4.27E-03
2274	560821.3	4192642	5.87E-03	4.20E-03
2275	560816	4192632	5.76E-03	4.12E-03
2276	560810.7	4192621	5.66E-03	4.05E-03
2277	560805.4	4192611	5.56E-03	3.97E-03
2278	560800.1	4192601	5.46E-03	3.91E-03
2279	560794.8	4192591	5.38E-03	3.85E-03
2280	560789.5	4192581	5.29E-03	3.79E-03
2281	560784.2	4192571	5.22E-03	3.73E-03
2282	560835.5	4192690	5.95E-03	4.26E-03

2283	560830.3	4192680	5.87E-03	4.20E-03
2284	560825.1	4192670	5.78E-03	4.14E-03
2285	560819.9	4192660	5.69E-03	4.07E-03
2286	560814.7	4192650	5.59E-03	4.00E-03
2287	560809.5	4192640	5.49E-03	3.93E-03
2288	560804.3	4192630	5.40E-03	3.86E-03
2289	560799.1	4192620	5.30E-03	3.79E-03
2290	560793.8	4192610	5.22E-03	3.73E-03
2291	560788.6	4192600	5.13E-03	3.67E-03
2292	560783.4	4192590	5.06E-03	3.62E-03
2293	560778.2	4192580	4.98E-03	3.56E-03
2294	560828.4	4192697	5.67E-03	4.06E-03
2295	560823.2	4192687	5.60E-03	4.00E-03
2296	560818	4192677	5.51E-03	3.94E-03
2297	560812.8	4192667	5.42E-03	3.88E-03
2298	560807.5	4192657	5.33E-03	3.81E-03
2299	560802.3	4192647	5.24E-03	3.75E-03
2300	560797.1	4192637	5.15E-03	3.68E-03
2301	560791.9	4192627	5.06E-03	3.62E-03
2302	560786.7	4192617	4.97E-03	3.56E-03
2303	560781.4	4192607	4.90E-03	3.50E-03
2304	560776.2	4192597	4.82E-03	3.45E-03
2305	560771	4192587	4.75E-03	3.40E-03
2306	560765.8	4192577	4.69E-03	3.36E-03
2307	560821.4	4192704	5.41E-03	3.87E-03
2308	560816.1	4192694	5.34E-03	3.82E-03
2309	560810.9	4192684	5.26E-03	3.76E-03
2310	560805.7	4192674	5.18E-03	3.70E-03
2311	560800.4	4192664	5.09E-03	3.64E-03
2312	560795.2	4192654	5.00E-03	3.58E-03
2313	560790	4192644	4.91E-03	3.51E-03
2314	560784.7	4192634	4.83E-03	3.45E-03
2315	560779.5	4192623	4.75E-03	3.40E-03
2316	560774.3	4192613	4.67E-03	3.34E-03
2317	560769	4192603	4.60E-03	3.29E-03
2318	560763.8	4192593	4.54E-03	3.25E-03
2319	560758.6	4192583	4.48E-03	3.21E-03
2320	560814.3	4192711	5.18E-03	3.70E-03
2321	560809	4192701	5.11E-03	3.65E-03
2322	560803.8	4192691	5.03E-03	3.60E-03
2323	560798.6	4192681	4.95E-03	3.54E-03
2324	560793.3	4192671	4.86E-03	3.48E-03
2325	560788.1	4192661	4.78E-03	3.42E-03
2326	560782.8	4192650	4.70E-03	3.36E-03
2327	560777.6	4192640	4.62E-03	3.30E-03
2328	560772.3	4192630	4.54E-03	3.25E-03
2329	560767.1	4192620	4.47E-03	3.19E-03
2330	560761.8	4192610	4.40E-03	3.15E-03
2331	560756.6	4192600	4.34E-03	3.10E-03
2332	560751.3	4192590	4.28E-03	3.06E-03
2333	560746.1	4192580	4.24E-03	3.03E-03
2334	560807.2	4192718	4.95E-03	3.54E-03

2335	560802	4192708	4.89E-03	3.50E-03
2336	560796.7	4192698	4.81E-03	3.44E-03
2337	560791.4	4192688	4.74E-03	3.39E-03
2338	560786.2	4192678	4.66E-03	3.33E-03
2339	560780.9	4192668	4.58E-03	3.27E-03
2340	560775.7	4192657	4.50E-03	3.22E-03
2341	560770.4	4192647	4.42E-03	3.16E-03
2342	560765.2	4192637	4.35E-03	3.11E-03
2343	560759.9	4192627	4.28E-03	3.06E-03
2344	560754.7	4192617	4.21E-03	3.01E-03
2345	560749.4	4192607	4.15E-03	2.97E-03
2346	560744.1	4192597	4.10E-03	2.93E-03
2347	560738.9	4192587	4.06E-03	2.90E-03
2348	560800.1	4192725	4.75E-03	3.39E-03
2349	560794.9	4192715	4.68E-03	3.35E-03
2350	560789.6	4192705	4.61E-03	3.30E-03
2351	560784.3	4192695	4.54E-03	3.25E-03
2352	560779.1	4192685	4.46E-03	3.19E-03
2353	560773.8	4192674	4.39E-03	3.14E-03
2354	560768.5	4192664	4.31E-03	3.08E-03
2355	560763.3	4192654	4.24E-03	3.03E-03
2356	560758	4192644	4.17E-03	2.98E-03
2357	560752.8	4192634	4.10E-03	2.93E-03
2358	560747.5	4192624	4.04E-03	2.89E-03
2359	560742.2	4192614	3.98E-03	2.85E-03
2360	560737	4192604	3.93E-03	2.81E-03
2361	560731.7	4192594	3.89E-03	2.78E-03
2362	560726.4	4192584	3.85E-03	2.75E-03
2363	560793.1	4192732	4.55E-03	3.26E-03
2364	560787.8	4192722	4.49E-03	3.21E-03
2365	560782.5	4192712	4.43E-03	3.16E-03
2366	560777.2	4192702	4.35E-03	3.11E-03
2367	560772	4192692	4.28E-03	3.06E-03
2368	560766.7	4192681	4.21E-03	3.01E-03
2369	560761.4	4192671	4.13E-03	2.96E-03
2370	560756.1	4192661	4.06E-03	2.91E-03
2371	560750.9	4192651	4.00E-03	2.86E-03
2372	560745.6	4192641	3.93E-03	2.81E-03
2373	560740.3	4192631	3.87E-03	2.77E-03
2374	560735	4192621	3.82E-03	2.73E-03
2375	560729.8	4192611	3.77E-03	2.70E-03
2376	560724.5	4192601	3.73E-03	2.67E-03
2377	560719.2	4192590	3.69E-03	2.64E-03
2378	560786	4192739	4.37E-03	3.13E-03
2379	560780.7	4192729	4.31E-03	3.08E-03
2380	560775.4	4192719	4.25E-03	3.04E-03
2381	560770.1	4192709	4.18E-03	2.99E-03
2382	560764.9	4192699	4.11E-03	2.94E-03
2383	560759.6	4192688	4.04E-03	2.89E-03
2384	560754.3	4192678	3.97E-03	2.84E-03
2385	560749	4192668	3.90E-03	2.79E-03
2386	560743.7	4192658	3.84E-03	2.75E-03

2387	560738.4	4192648	3.78E-03	2.70E-03
2388	560733.2	4192638	3.72E-03	2.66E-03
2389	560727.9	4192628	3.67E-03	2.62E-03
2390	560722.6	4192618	3.62E-03	2.59E-03
2391	560717.3	4192607	3.58E-03	2.56E-03
2392	560712	4192597	3.55E-03	2.54E-03
2393	560706.7	4192587	3.52E-03	2.52E-03
2394	560778.9	4192746	4.20E-03	3.01E-03
2395	560773.6	4192736	4.15E-03	2.97E-03
2396	560768.3	4192726	4.09E-03	2.92E-03
2397	560763	4192716	4.02E-03	2.88E-03
2398	560757.8	4192706	3.95E-03	2.83E-03
2399	560752.5	4192695	3.89E-03	2.78E-03
2400	560747.2	4192685	3.82E-03	2.73E-03
2401	560741.9	4192675	3.75E-03	2.69E-03
2402	560736.6	4192665	3.69E-03	2.64E-03
2403	560731.3	4192655	3.63E-03	2.60E-03
2404	560726	4192645	3.58E-03	2.56E-03
2405	560720.7	4192635	3.53E-03	2.52E-03
2406	560715.4	4192624	3.48E-03	2.49E-03
2407	560710.1	4192614	3.44E-03	2.46E-03
2408	560704.8	4192604	3.41E-03	2.44E-03
2409	560699.5	4192594	3.38E-03	2.42E-03
2410	561025.5	4192215	3.28E-02	2.35E-02

PM 10				
Tons/Yr	T4i	T4iRev	T4fRev	
Year 1	0.034175	0.034175	0.02444	0
Year 2	0.019315	0.026085	0.020325	0
Year 3	0.018305	0.025425	0.019715	0
Year 4	0.018355	0.025495	0.01977	0
Year 5	0.018305	0.025425	0.019715	0
Year 6	0.015295	0.018855	0.013145	0
Year 7	0.02024	0.01143	0.005755	0
Year 8	0.00	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

PM 10				
Lbs /Yr	T4i	T4iRev	T4fRev	0
Year 1	68.35	68.35	48.88	0
Year 2	38.63	52.17	40.65	0
Year 3	36.61	50.85	39.43	0
Year 4	36.71	50.99	39.54	0
Year 5	36.61	50.85	39.43	0
Year 6	30.59	37.71	26.29	0
Year 7	40.48	22.86	11.51	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

PM 10				
% Chng	T4i	T4iRev	T4fRev	0
Year 1	100%	100%	72%	0%
Year 2	100%	135%	105%	0%
Year 3	100%	139%	108%	0%
Year 4	100%	139%	108%	0%
Year 5	100%	139%	108%	0%
Year 6	100%	123%	86%	0%
Year 7	100%	56%	28%	0%
Year 8	0%	0%	0%	0%
Year 9	0%	0%	0%	0%
Year 10	0%	0%	0%	0%
Year 11	0%	0%	0%	0%

For Running Each Base
Year

[illegible]

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/25/2024
** File: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\Const\Const.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\Const\Const.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 118962 Berkeley
  POLLUTID OTHER
  RUNORNOT RUN
  ERRORFIL Const.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY   561061.901   4192549.544       3.000
  LOCATION PAREA2      AREAPOLY   561188.310   4192380.492       2.000
  LOCATION PAREA3      AREAPOLY   561037.937   4192265.918       2.000
** Source Parameters **
  SRCPARAM PAREA1      0.0000241607      3.048      8
  AREAVERT PAREA1      561061.901 4192549.544 561143.386 4192570.952
  AREAVERT PAREA1      561152.839 4192533.366 561110.857 4192521.827
  AREAVERT PAREA1      561114.563 4192507.189 561157.819 4192518.342
  AREAVERT PAREA1      561185.771 4192397.753 561105.053 4192376.938
  SRCPARAM PAREA2      0.0000241606      3.048      4
  AREAVERT PAREA2      561188.310 4192380.492 561112.668 4192361.201
  AREAVERT PAREA2      561142.112 4192245.961 561218.770 4192265.760
  SRCPARAM PAREA3      0.0000241606      3.048      12
  AREAVERT PAREA3      561037.937 4192265.918 561112.358 4192285.811
  AREAVERT PAREA3      561095.861 4192357.721 561069.671 4192456.557
  AREAVERT PAREA3      561066.242 4192463.417 561055.510 4192507.822
  AREAVERT PAREA3      561016.828 4192497.551 561007.626 4192534.504
  AREAVERT PAREA3      561000.767 4192530.450 560999.831 4192528.268
  AREAVERT PAREA3      560991.413 4192478.694 560991.413 4192469.964

```

URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 2"

** WeekDays:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA2	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA3	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

```

**
**
RE STARTING
  INCLUDED Const.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\..\CHEVRON_2013-2017.SFC
  PROFFILE ..\..\CHEVRON_2013-2017.PFL
  SURFDATA 23230 2013 OAKLAND/WSO_AP
  UAIRDATA 23230 2013 OAKLAND/WSO_AP
  SITEDATA 2703 2013
  PROFBASE 1.5 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST CONST.AD\01H1GALL.PLT 31
  PLOTFILE PERIOD ALL CONST.AD\PE00GALL.PLT 32
  SUMMFILE Const.sum
OU FINISHED

```

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          1 Warning Message(s)
A Total of          0 Informational Message(s)

```

```

***** FATAL ERROR MESSAGES *****
      ***   NONE   ***

```

```

***** WARNING MESSAGES *****
MX W403      128      PFLCNV: Turbulence data is being used w/o ADJ_U* option      SigA Data

```

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*****
*** SETUP Finishes Successfully ***
*****

```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 118962.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and 1140 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:

- Model Outputs Tables of PERIOD Averages by Receptor
- Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
- Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
- Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.50 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Const.err

**File for Summary of Results: Const.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** AREAPOLY SOURCE DATA ***											
SOURCE	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE	NUMBER	INIT.	URBAN	EMISSION RATE	AIRCRAFT
ID	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF VERTS.	SZ	SOURCE	SCALAR VARY	
	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)		(METERS)		BY	
PAREA1	0	0.24161E-04	561061.9	4192549.5	3.0	3.05	8	0.00	YES	HRDOW	NO
PAREA2	0	0.24161E-04	561188.3	4192380.5	2.0	3.05	4	0.00	YES	HRDOW	NO
PAREA3	0	0.24161E-04	561037.9	4192265.9	2.0	3.05	12	0.00	YES	HRDOW	NO

*** AERMOD - VERSION 23132 ***
*** AERMET - VERSION 18081 ***
*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\Const\Const.isc ***

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	PAREA1 , PAREA2 , PAREA3 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	118962.	PAREA1 , PAREA2 , PAREA3 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  SigA  Data
```

[illegible]

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\..\CHEVRON_2013-2017.SFC Met Version: 18081
Profile file: ..\..\CHEVRON_2013-2017.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23230 Upper air station no.: 23230
Name: OAKLAND/WSO_AP Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
13	01	01	1	01	-6.3	0.084	-9.000	-9.000	-999.	58.	8.4	0.17	0.63	1.00	1.70	173.	10.0	279.9	8.8			
13	01	01	1	02	-9.2	0.134	-9.000	-9.000	-999.	117.	23.7	0.15	0.63	1.00	2.10	93.	10.0	278.4	8.8			
13	01	01	1	03	-6.5	0.086	-9.000	-9.000	-999.	61.	9.0	0.15	0.63	1.00	1.80	63.	10.0	278.4	8.8			
13	01	01	1	04	-11.3	0.164	-9.000	-9.000	-999.	160.	35.8	0.19	0.63	1.00	2.20	25.	10.0	278.5	8.8			
13	01	01	1	05	-15.9	0.232	-9.000	-9.000	-999.	268.	71.3	0.19	0.63	1.00	2.70	43.	10.0	278.8	8.8			
13	01	01	1	06	-25.3	0.368	-9.000	-9.000	-999.	537.	180.2	0.15	0.63	1.00	4.10	72.	10.0	278.9	8.8			
13	01	01	1	07	-24.5	0.242	-9.000	-9.000	-999.	296.	52.9	0.15	0.63	1.00	3.10	64.	10.0	278.5	8.8			
13	01	01	1	08	-28.7	0.284	-9.000	-9.000	-999.	363.	72.7	0.19	0.63	1.00	3.30	56.	10.0	278.1	8.8			
13	01	01	1	09	1.9	0.246	0.106	0.005	23.	293.	-724.2	0.19	0.63	0.38	2.40	49.	10.0	278.5	8.8			
13	01	01	1	10	39.2	0.414	0.490	0.007	109.	639.	-164.7	0.19	0.63	0.25	3.90	42.	10.0	279.9	8.8			
13	01	01	1	11	68.1	0.405	0.767	0.007	241.	619.	-88.9	0.19	0.63	0.20	3.70	26.	10.0	280.8	8.8			
13	01	01	1	12	84.6	0.456	1.112	0.008	592.	738.	-102.1	0.19	0.63	0.19	4.20	26.	10.0	281.6	8.8			
13	01	01	1	13	87.7	0.532	1.277	0.007	865.	929.	-156.0	0.19	0.63	0.18	5.00	50.	10.0	282.8	8.8			
13	01	01	1	14	77.3	0.596	1.242	0.005	903.	1103.	-249.4	0.19	0.63	0.19	5.70	58.	10.0	283.8	8.8			
13	01	01	1	15	53.8	0.729	1.108	0.005	920.	1489.	-653.8	0.15	0.63	0.22	7.50	62.	10.0	284.4	8.8			
13	01	01	1	16	19.4	0.459	0.790	0.007	925.	827.	-454.5	0.15	0.63	0.31	4.70	72.	10.0	284.4	8.8			
13	01	01	1	17	-32.5	0.383	-9.000	-9.000	-999.	578.	157.6	0.15	0.63	0.54	4.30	78.	10.0	283.9	8.8			
13	01	01	1	18	-22.8	0.210	-9.000	-9.000	-999.	256.	36.9	0.15	0.63	1.00	2.90	99.	10.0	282.6	8.8			
13	01	01	1	19	-12.8	0.118	-9.000	-9.000	-999.	103.	11.7	0.17	0.63	1.00	2.40	124.	10.0	281.8	8.8			
13	01	01	1	20	-1.7	0.043	-9.000	-9.000	-999.	25.	4.2	0.15	0.63	1.00	0.90	336.	10.0	281.1	8.8			
13	01	01	1	21	-2.6	0.053	-9.000	-9.000	-999.	29.	5.2	0.15	0.63	1.00	1.10	304.	10.0	281.2	8.8			
13	01	01	1	22	-5.5	0.077	-9.000	-9.000	-999.	51.	7.5	0.15	0.63	1.00	1.60	94.	10.0	280.6	8.8			
13	01	01	1	23	-3.4	0.061	-9.000	-9.000	-999.	36.	6.1	0.19	0.63	1.00	1.20	19.	10.0	279.0	8.8			
13	01	01	1	24	-6.7	0.086	-9.000	-9.000	-999.	60.	8.6	0.19	0.63	1.00	1.70	30.	10.0	278.2	8.8			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
13	01	01	01	8.8	0	-999.	-99.00	280.0	999.0	-99.00	-99.00
13	01	01	01	10.0	1	173.	1.70	-999.0	25.2	-99.00	0.68

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE							NETWORK GRID-ID
ALL		1ST HIGHEST VALUE IS	17.62828 AT (	561116.53,	4192515.88,	3.00,	3.00,	0.00)	DC	
		2ND HIGHEST VALUE IS	17.52085 AT (	561122.24,	4192517.22,	3.00,	3.00,	0.00)	DC	
		3RD HIGHEST VALUE IS	17.25902 AT (	561127.38,	4192518.55,	3.00,	3.00,	0.00)	DC	
		4TH HIGHEST VALUE IS	16.89437 AT (	561132.34,	4192519.69,	3.00,	3.00,	0.00)	DC	
		5TH HIGHEST VALUE IS	16.48952 AT (	561136.53,	4192520.84,	3.00,	3.00,	0.00)	DC	
		6TH HIGHEST VALUE IS	15.84790 AT (	561141.67,	4192521.79,	3.00,	3.00,	0.00)	DC	
		7TH HIGHEST VALUE IS	15.03339 AT (	561146.43,	4192522.74,	3.00,	3.00,	0.00)	DC	
		8TH HIGHEST VALUE IS	14.34333 AT (	561149.48,	4192523.69,	3.00,	3.00,	0.00)	DC	
		9TH HIGHEST VALUE IS	1.16648 AT (	561116.02,	4192791.18,	3.00,	3.00,	0.00)	DC	
		10TH HIGHEST VALUE IS	1.11946 AT (	561122.51,	4192799.55,	3.00,	3.00,	0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID

ALL	HIGH	1ST HIGH VALUE IS	411.08741	ON 17010409: AT (	561116.53, 4192515.88, 3.00, 3.00, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2128 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 2 Calm Hours Identified

A Total of 2126 Missing Hours Identified (4.85 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

MX W403 128
MX W403 1

PFLCNV: Turbulence data is being used w/o ADJ_U* option
PFLCNV: Turbulence data is being used w/o ADJ_U* option

SigA Data
SigA Data

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/25/2024
** File: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\Const\Const.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\Const\Const.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 118962 Berkeley
  POLLUTID OTHER
  RUNORNOT RUN
  ERRORFIL Const.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY   561061.901   4192549.544       3.000
  LOCATION PAREA2      AREAPOLY   561188.310   4192380.492       2.000
  LOCATION PAREA3      AREAPOLY   561037.937   4192265.918       2.000
** Source Parameters **
  SRCPARAM PAREA1      0.0000241607      3.048      8
  AREAVERT PAREA1      561061.901 4192549.544 561143.386 4192570.952
  AREAVERT PAREA1      561152.839 4192533.366 561110.857 4192521.827
  AREAVERT PAREA1      561114.563 4192507.189 561157.819 4192518.342
  AREAVERT PAREA1      561185.771 4192397.753 561105.053 4192376.938
  SRCPARAM PAREA2      0.0000241606      3.048      4
  AREAVERT PAREA2      561188.310 4192380.492 561112.668 4192361.201
  AREAVERT PAREA2      561142.112 4192245.961 561218.770 4192265.760
  SRCPARAM PAREA3      0.0000241606      3.048      12
  AREAVERT PAREA3      561037.937 4192265.918 561112.358 4192285.811
  AREAVERT PAREA3      561095.861 4192357.721 561069.671 4192456.557
  AREAVERT PAREA3      561066.242 4192463.417 561055.510 4192507.822
  AREAVERT PAREA3      561016.828 4192497.551 561007.626 4192534.504
  AREAVERT PAREA3      561000.767 4192530.450 560999.831 4192528.268
  AREAVERT PAREA3      560991.413 4192478.694 560991.413 4192469.964

```

URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 2"

** WeekDays:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA2	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA3	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

```

**
**
RE STARTING
  INCLUDED Const.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\..\CHEVRON_2013-2017.SFC
  PROFFILE ..\..\CHEVRON_2013-2017.PFL
  SURFDATA 23230 2013 OAKLAND/WSO_AP
  UAIRDATA 23230 2013 OAKLAND/WSO_AP
  SITEDATA 2703 2013
  PROFBASE 1.5 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST CONST.AD\01H1GALL.PLT 31
  PLOTFILE PERIOD ALL CONST.AD\PE00GALL.PLT 32
  SUMMFILE Const.sum
OU FINISHED

```

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          1 Warning Message(s)
A Total of          0 Informational Message(s)

```

```

***** FATAL ERROR MESSAGES *****
      ***   NONE   ***

```

```

***** WARNING MESSAGES *****
MX W403      128      PFLCNV: Turbulence data is being used w/o ADJ_U* option      SigA Data

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 118962.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and 2426 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:

- Model Outputs Tables of PERIOD Averages by Receptor
- Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
- Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
- Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours

m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.50 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Const.err

**File for Summary of Results: Const.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
PAREA1	0	0.24161E-04	561061.9	4192549.5	3.0	3.05	8	0.00	YES	HRDOW	NO
PAREA2	0	0.24161E-04	561188.3	4192380.5	2.0	3.05	4	0.00	YES	HRDOW	NO
PAREA3	0	0.24161E-04	561037.9	4192265.9	2.0	3.05	12	0.00	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	PAREA1 , PAREA2 , PAREA3 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
118962.	PAREA1	, PAREA2, PAREA3,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :															
HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  SigA  Data
```

[illegible]

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\..\CHEVRON_2013-2017.SFC
Profile file: ..\..\CHEVRON_2013-2017.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23230
Name: OAKLAND/WSO_AP
Year: 2013

Upper air station no.: 23230
Name: OAKLAND/WSO_AP
Year: 2013

Met Version: 18081

First 24 hours of scalar data																			
YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT
																			REF TA
																			HT
13	01	01	1	01	-6.3	0.084	-9.000	-9.000	-999.	58.	8.4	0.17	0.63	1.00	1.70	173.	10.0	279.9	8.8
13	01	01	1	02	-9.2	0.134	-9.000	-9.000	-999.	117.	23.7	0.15	0.63	1.00	2.10	93.	10.0	278.4	8.8
13	01	01	1	03	-6.5	0.086	-9.000	-9.000	-999.	61.	9.0	0.15	0.63	1.00	1.80	63.	10.0	278.4	8.8
13	01	01	1	04	-11.3	0.164	-9.000	-9.000	-999.	160.	35.8	0.19	0.63	1.00	2.20	25.	10.0	278.5	8.8
13	01	01	1	05	-15.9	0.232	-9.000	-9.000	-999.	268.	71.3	0.19	0.63	1.00	2.70	43.	10.0	278.8	8.8
13	01	01	1	06	-25.3	0.368	-9.000	-9.000	-999.	537.	180.2	0.15	0.63	1.00	4.10	72.	10.0	278.9	8.8
13	01	01	1	07	-24.5	0.242	-9.000	-9.000	-999.	296.	52.9	0.15	0.63	1.00	3.10	64.	10.0	278.5	8.8
13	01	01	1	08	-28.7	0.284	-9.000	-9.000	-999.	363.	72.7	0.19	0.63	1.00	3.30	56.	10.0	278.1	8.8
13	01	01	1	09	1.9	0.246	0.106	0.005	23.	293.	-724.2	0.19	0.63	0.38	2.40	49.	10.0	278.5	8.8
13	01	01	1	10	39.2	0.414	0.490	0.007	109.	639.	-164.7	0.19	0.63	0.25	3.90	42.	10.0	279.9	8.8
13	01	01	1	11	68.1	0.405	0.767	0.007	241.	619.	-88.9	0.19	0.63	0.20	3.70	26.	10.0	280.8	8.8
13	01	01	1	12	84.6	0.456	1.112	0.008	592.	738.	-102.1	0.19	0.63	0.19	4.20	26.	10.0	281.6	8.8
13	01	01	1	13	87.7	0.532	1.277	0.007	865.	929.	-156.0	0.19	0.63	0.18	5.00	50.	10.0	282.8	8.8
13	01	01	1	14	77.3	0.596	1.242	0.005	903.	1103.	-249.4	0.19	0.63	0.19	5.70	58.	10.0	283.8	8.8
13	01	01	1	15	53.8	0.729	1.108	0.005	920.	1489.	-653.8	0.15	0.63	0.22	7.50	62.	10.0	284.4	8.8
13	01	01	1	16	19.4	0.459	0.790	0.007	925.	827.	-454.5	0.15	0.63	0.31	4.70	72.	10.0	284.4	8.8
13	01	01	1	17	-32.5	0.383	-9.000	-9.000	-999.	578.	157.6	0.15	0.63	0.54	4.30	78.	10.0	283.9	8.8
13	01	01	1	18	-22.8	0.210	-9.000	-9.000	-999.	256.	36.9	0.15	0.63	1.00	2.90	99.	10.0	282.6	8.8
13	01	01	1	19	-12.8	0.118	-9.000	-9.000	-999.	103.	11.7	0.17	0.63	1.00	2.40	124.	10.0	281.8	8.8
13	01	01	1	20	-1.7	0.043	-9.000	-9.000	-999.	25.	4.2	0.15	0.63	1.00	0.90	336.	10.0	281.1	8.8
13	01	01	1	21	-2.6	0.053	-9.000	-9.000	-999.	29.	5.2	0.15	0.63	1.00	1.10	304.	10.0	281.2	8.8
13	01	01	1	22	-5.5	0.077	-9.000	-9.000	-999.	51.	7.5	0.15	0.63	1.00	1.60	94.	10.0	280.6	8.8
13	01	01	1	23	-3.4	0.061	-9.000	-9.000	-999.	36.	6.1	0.19	0.63	1.00	1.20	19.	10.0	279.0	8.8
13	01	01	1	24	-6.7	0.086	-9.000	-9.000	-999.	60.	8.6	0.19	0.63	1.00	1.70	30.	10.0	278.2	8.8

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
13	01	01	01	8.8	0	-999.	-99.00	280.0	999.0	-99.00	-99.00
13	01	01	01	10.0	1	173.	1.70	-999.0	25.2	-99.00	0.68

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

												NETWORK
GROUP	ID	AVERAGE CONC				RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	GRID-ID

ALL	1ST HIGHEST VALUE IS	17.62828	AT (	561116.53,	4192515.88,	3.00,	3.00,	0.00)	DC			
	2ND HIGHEST VALUE IS	17.52085	AT (	561122.24,	4192517.22,	3.00,	3.00,	0.00)	DC			
	3RD HIGHEST VALUE IS	17.25902	AT (	561127.38,	4192518.55,	3.00,	3.00,	0.00)	DC			
	4TH HIGHEST VALUE IS	16.89437	AT (	561132.34,	4192519.69,	3.00,	3.00,	0.00)	DC			
	5TH HIGHEST VALUE IS	16.48952	AT (	561136.53,	4192520.84,	3.00,	3.00,	0.00)	DC			
	6TH HIGHEST VALUE IS	15.84790	AT (	561141.67,	4192521.79,	3.00,	3.00,	0.00)	DC			
	7TH HIGHEST VALUE IS	15.03339	AT (	561146.43,	4192522.74,	3.00,	3.00,	0.00)	DC			
	8TH HIGHEST VALUE IS	14.34333	AT (	561149.48,	4192523.69,	3.00,	3.00,	0.00)	DC			
	9TH HIGHEST VALUE IS	9.77515	AT (	561025.32,	4192519.72,	3.00,	3.00,	0.00)	DC			
	10TH HIGHEST VALUE IS	9.77135	AT (	561032.85,	4192521.93,	3.00,	3.00,	0.00)	DC			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID

ALL	HIGH	1ST HIGH VALUE IS	411.28674	ON 13121309: AT (	561048.53, 4192246.30, 2.00, 2.00, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2128 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 2 Calm Hours Identified

A Total of 2126 Missing Hours Identified (4.85 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

MX W403 128
MX W403 1

PFLCNV: Turbulence data is being used w/o ADJ_U* option
PFLCNV: Turbulence data is being used w/o ADJ_U* option

SigA Data
SigA Data

*** AERMOD Finishes Successfully ***

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year1_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year2_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 2
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\School_Year3_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitivel_Year1_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02

Soil mixing depth (m): 0.01

Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden

Fraction leafy: 0.137

Fraction exposed: 0.137

Fraction protected: 0.137

Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year2_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 2
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 2\HARP_CONST\hra\Sensitive_Year3_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: Moderate8HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02

Soil mixing depth (m): 0.01

Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden

Fraction leafy: 0.137

Fraction exposed: 0.137

Fraction protected: 0.137

Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year1_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 17
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: Moderate8HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02

Soil mixing depth (m): 0.01

Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden

Fraction leafy: 0.137

Fraction exposed: 0.137

Fraction protected: 0.137

Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year2_NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 18
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors

Worker adjustment factors enabled: NO

Fraction at time at home

3rd Trimester to 16 years: OFF

16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_CancerRisk.csv

Cancer risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_NCChronicRisk.csv

Chronic risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_NCAcuteRisk.csv

Acute risk total by receptor saved to: D:\LSA\2024\CBE1906.09 Gilman Gateway\Scenario 1\HARP_CONST\hra\Worker_Year3_NCAcuteRiskSumByRec.csv

HRA ran successfully