

Appendix C

Construction Health Risk Assessment

8550 Warner Construction Health Risk Assessment

Construction Modeling Assumptions

Hisamatsu Tamura Elementary School 375 m
Ocean View Preparatory Preschool 430 m

AERMOD Sources

<u>PolyArea [1]</u>		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
<u>Line Volume [2]</u>		
Onroad Hauling Exhaust		
Vehicle Height	4	m
Plume Height	6.8	m
Plume Width	24	m
Release Height	3.4	m
Emissions rate	1	g/s

[\[1\] SCAQMD, Final Localized Significance Threshold Methodology](#)

[\[2\] BAAQMD, CEQA AQ Guidelines, Appendix E, Table 11, Recommended Volume Source Configuration for Construction Projects](#)

Meteorology:

John Wayne Airport

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Health Risk Assessment Results Summary

Scenario	Excess Cancer Risk (per million)	Chronic Health Risk ¹
Residences along Alberni Street	53.33	0.123
Significance Threshold	>10	>1
Threshold Exceeded?	No	No

PM_{2.5} = particulate matter less than 2.5 microns in size; µg/m³ = micrograms per cubic meter

¹ Noncancer health impacts are determined by dividing the airborne concentration at the receptor by the appropriate Reference Exposure Level (REL) for that substance. A REL is defined as the concentration at which no adverse noncancer health effects are anticipated. Because noncancer health impacts are assessed as the ratio of airborne concentration versus the REL, the resulting hazard index is unitless.

² There is no acute reference exposure level for diesel exhaust to calculate acute health risk. Furthermore, except for unusual circumstances of high exposure, Office of Environmental Health Hazard Assessment does not recommend acute analysis for DPM.

Source: BAAQMD 2024, Rincon Consultants 2024. For health risk calculations, see Appendix A.

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Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF ₁	m ³ /L	0.001	0.001	0.001	0.001
Conversion Factor	CF ₂	µg/m ³	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day ⁻¹	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

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Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment
Residential Receptors

		Start Date	3/15/2026	6/14/2026	6/14/2028		
		End Date	6/13/2026	6/13/2028	6/11/2042		
		3/15/2026	9/14/2027	Days	90	730	5110
Phase		Start Date	End Date	Duration (days)	3rd Trimester	0<2	2<16
Demolition	3.2. Demolition (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Site Preparation	3.4. Site Preparation (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Grading	3.6. Grading (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Building Construction	3.8. Building Construction (2026) - Mitigated	4/26/2026	12/31/2026	250	49	201	0
Building Construction	3.10. Building Construction (2027) - Mitigated	1/1/2027	9/14/2027	257	0	257	0
Asphalt Paving	3.14. Paving (2027) - Mitigated	6/25/2027	8/13/2027	50	0	50	0
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	5/12/2027	6/24/2027	44	0	44	0

Intake Factor for Inhalation, IF (m³/kg-day)

Phase		Year	Equation	3rd Trimester	0<2	2<16
Demolition	3.2. Demolition (2026) - Mitigated	2026		0.005690373	0	
Site Preparation	3.4. Site Preparation (2026) - Mitigated	2026	$DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1$	0.005690373	0	
Grading	3.6. Grading (2026) - Mitigated	2026	AT	0.005690373	0	
Building Construction	3.8. Building Construction (2026) - Mitigated	2026		0.006638769	0.082225558	
Building Construction	3.10. Building Construction (2027) - Mitigated	2027		0	0.105134172	
Asphalt Paving	3.14. Paving (2027) - Mitigated	2027		0	0.020454119	
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	2027		0	0.017999625	

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2
$IF \cdot CPF \cdot CF_2$	6.25941E-06	0
	6.25941E-06	0
	6.25941E-06	0
	7.30265E-06	9.04481E-05
	0	0.000115648
	0	2.24995E-05
	0	1.97996E-05

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Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations
Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition 3.2. Demolition (2026) - Mitigated	2026	0.800	8	0.012599722
Site Preparation 3.4. Site Preparation (2026) - Mitigated	2026	0.070	8	0.001102476
Grading 3.6. Grading (2026) - Mitigated	2026	0.140	8	0.002204951
Building Construction 3.8. Building Construction (2026) - Mitigated	2026	0.660	8	0.010394771
Building Construction 3.10. Building Construction (2027) - Mitigated	2027	0.610	8	0.009607288
Asphalt Paving 3.14. Paving (2027) - Mitigated	2027	0.150	8	0.002362448
Architectural Coating 3.16. Architectural Coating (2027) - Mitigated	2027	0.020	8	0.000314993

Max Offroad Risk
53.32

AERMOD Column Identifier: 4 4 4 4 4 4 4

Unique Identifier	X (UTM)	Y (UTM)	Demolition		Site Preparation		Grading		Building Construction		Asphalt Paving		Architectural Coating		Child Risk	
			2026	2026	2026	2026	2026	2027	2027	2027	2027	3rd Trimester	0<2	Total	per million	
408826.883730582.4:		408826.88	3730582.43	0.001113815	9.74589E-05	0.000194918	0.000918898	0.000849284	0.00020884	2.78454E-05	1.55123E-08	1.8658E-07	2.02093E-07	0.2020927		
408846.883730582.4:		408846.88	3730582.43	0.001152497	0.000100843	0.000201687	0.00095081	0.000878779	0.000216093	2.88124E-05	1.6051E-08	1.9306E-07	2.09111E-07	0.2091111		
408866.883730582.4:		408866.88	3730582.43	0.00118954	0.000104085	0.000208169	0.00098137	0.000907024	0.000223039	2.97385E-05	1.65669E-08	1.99265E-07	2.15832E-07	0.2158323		
409066.883730582.4:		409066.88	3730582.43	0.0013551	0.000118571	0.000237143	0.001117958	0.001033264	0.000254081	3.38775E-05	1.88727E-08	2.26999E-07	2.45872E-07	0.2458718		
409086.883730582.4:		409086.88	3730582.43	0.00134754	0.00011791	0.00023582	0.001117121	0.001027499	0.000252664	3.36885E-05	1.87674E-08	2.25733E-07	2.445E-07	0.2445002		
409106.883730582.4:		409106.88	3730582.43	0.001337083	0.000116995	0.000233989	0.001103093	0.001019525	0.000250703	3.34271E-05	1.86218E-08	2.23981E-07	2.42603E-07	0.2426027		
409126.883730582.4:		409126.88	3730582.43	0.001324987	0.000115936	0.000231873	0.001093114	0.001010302	0.000248435	3.31247E-05	1.84533E-08	2.21955E-07	2.40408E-07	0.240408		
409175.153730584.0:		409175.15	3730584.08	0.001304449	0.000114139	0.000228279	0.001076171	0.000994643	0.000244584	3.26112E-05	1.81673E-08	2.18514E-07	2.36682E-07	0.2366816		
409235.153730584.0:		409235.15	3730584.08	0.0012698	0.000111108	0.000222215	0.001047585	0.000968223	0.000238088	3.1745E-05	1.76847E-08	2.1271E-07	2.30395E-07	0.2303948		
409275.153730584.0:		409275.15	3730584.08	0.001249262	0.00010931	0.000218621	0.001030642	0.000952563	0.000234237	3.12316E-05	1.73987E-08	2.0927E-07	2.26668E-07	0.2266685		
409315.153730584.0:		409315.15	3730584.08	0.001226457	0.000107315	0.00021463	0.001011827	0.000935173	0.000229961	3.06614E-05	1.70811E-08	2.05449E-07	2.22531E-07	0.2225306		
409335.153730584.0:		409335.15	3730584.08	0.001212849	0.000106124	0.000212249	0.001000601	0.000924798	0.000227409	3.03212E-05	1.68916E-08	2.0317E-07	2.20062E-07	0.2200616		
409428.523730594		409428.52	3730594	0.001165096	0.000101946	0.000203892	0.000961204	0.000888386	0.000218456	2.91274E-05	1.62265E-08	1.95171E-07	2.11397E-07	0.2113972		
409472.393730594		409472.39	3730594	0.001092396	9.55846E-05	0.000191169	0.000901227	0.000832952	0.000204824	2.73099E-05	1.5214E-08	1.82992E-07	1.98206E-07	0.1982063		
409523.353730595.2:		409523.35	3730595.29	0.001000544	8.75476E-05	0.000175095	0.000825449	0.000762915	0.000187602	2.50136E-05	1.39348E-08	1.67606E-07	1.81541E-07	0.1815405		
409572.393730594		409572.39	3730594	0.00089773	7.85514E-05	0.000157103	0.000740627	0.000684519	0.000168324	2.24433E-05	1.25029E-08	1.50383E-07	1.62886E-07	0.1628858		
409592.393730594		409592.39	3730594	0.000858167	7.50896E-05	0.000150179	0.000707988	0.000654352	0.000160906	2.14542E-05	1.19519E-08	1.43756E-07	1.55707E-07	0.1557074		
409612.393730594		409612.39	3730594	0.000819234	7.1683E-05	0.000143366	0.000675868	0.000624666	0.000153606	2.04808E-05	1.14096E-08	1.37234E-07	1.48643E-07	0.1486433		
409632.393730594		409632.39	3730594	0.000781561	6.83866E-05	0.000136773	0.000644788	0.00059594	0.000146543	1.9539E-05	1.08849E-08	1.30923E-07	1.41808E-07	0.1418078		
409652.393730594		409652.39	3730594	0.000745022	6.51894E-05	0.000130379	0.000614643	0.000568079	0.000139692	1.86255E-05	1.03761E-08	1.24802E-07	1.35178E-07	0.1351781		
409672.393730594		409672.39	3730594	0.000709994	6.21245E-05	0.000124249	0.000585745	0.000541371	0.000133124	1.77499E-05	9.88823E-09	1.18934E-07	1.28823E-07	0.1288227		
409692.393730594		409692.39	3730594	0.000676605	5.92029E-05	0.000118406	0.000558199	0.000515911	0.000126863	1.69151E-05	9.42321E-09	1.13341E-07	1.22764E-07	0.1227645		
409712.393730594		409712.39	3730594	0.000644854	5.64247E-05	0.000112849	0.000532004	0.000491701	0.00012091	1.61213E-05	8.981E-09	1.08022E-07	1.17003E-07	0.1170034		
409732.393730594		409732.39	3730594	0.00061474	5.37898E-05	0.00010758	0.000507161	0.00046874	0.000115264	1.53685E-05	8.56161E-09	1.02978E-07	1.1154E-07	0.1115396		
409752.393730594		409752.39	3730594	0.000586391	5.13092E-05	0.000102618	0.000483773	0.000447123	0.000109948	1.46598E-05	8.16678E-09	9.82291E-08	1.06396E-07	0.1063959		
409772.393730594		409772.39	3730594	0.00055968	4.8972E-05	9.79439E-05	0.000461736	0.000426756	0.00010494	1.3992E-05	7.79476E-09	9.37545E-08	1.01549E-07	0.1015493		
408826.883730602.4:		408826.88	3730602.43	0.00117064	0.000102431	0.000204862	0.000965778	0.000892613	0.000219495	2.9266E-05	1.63037E-08	1.96099E-07	2.12403E-07	0.2124031		
408846.883730602.4:		408846.88	3730602.43	0.001216251	0.000106422	0.000212844	0.001003407	0.000927392	0.000228047	3.04063E-05	1.6939E-08	2.0374E-07	2.20679E-07	0.2206788		
408866.883730602.4:		408866.88	3730602.43	0.001260728	0.000110314	0.000220627	0.001040101	0.000961305	0.000236387	3.15182E-05	1.75584E-08	2.1119E-07	2.28749E-07	0.2287488		
408906.883730602.4:		408906.88	3730602.43	0.001344012	0.000117601	0.000235202	0.00110881	0.001024809	0.000252002	3.36003E-05	1.87183E-08	2.25142E-07	2.4386E-07	0.2438601		
408926.883730602.4:		408926.88	3730602.43	0.00138093	0.000120831	0.000241663	0.001139267	0.001052959	0.000258924	3.45232E-05	1.92325E-08	2.31326E-07	2.50558E-07	0.2505584		
408946.883730602.4:		408946.88	3730602.43	0.001413689	0.000123698	0.000247396	0.001166293	0.001077938	0.000265067	3.53422E-05	1.96887E-08	2.36814E-07	2.56502E-07	0.2565023		

409532.393731494	409532.39	3731494	0.009868732	0.000863514	0.001727028	0.008141704	0.007524908	0.001850387	0.000246718	1.37444E-07	1.65316E-06	1.7906E-06	1.7906008
409552.393731494	409552.39	3731494	0.009444752	0.000826416	0.001652832	0.00779192	0.007201623	0.001770891	0.000236119	1.31539E-07	1.58213E-06	1.71367E-06	1.713673
409572.393731494	409572.39	3731494	0.00895878	0.000783893	0.001567787	0.007390994	0.00683107	0.001679771	0.00022397	1.24771E-07	1.50073E-06	1.6255E-06	1.6254974
409592.393731494	409592.39	3731494	0.008440806	0.000738571	0.001477141	0.006963665	0.006436115	0.001582651	0.00021102	1.17557E-07	1.41396E-06	1.53152E-06	1.5315152
409612.393731494	409612.39	3731494	0.007909602	0.00069209	0.00138418	0.006525421	0.006031071	0.00148305	0.00019774	1.10159E-07	1.32497E-06	1.43513E-06	1.4351325
409632.393731494	409632.39	3731494	0.007389611	0.000646591	0.001293182	0.006096429	0.005634578	0.001385552	0.00018474	1.02917E-07	1.23787E-06	1.34078E-06	1.3407845
409652.393731494	409652.39	3731494	0.00690049	0.000603793	0.001207586	0.005692904	0.005261624	0.001293842	0.000172512	9.61044E-08	1.15593E-06	1.25204E-06	1.2520374
409672.393731494	409672.39	3731494	0.006444128	0.000563861	0.001127722	0.005316406	0.004913648	0.001208274	0.000161103	8.97488E-08	1.07949E-06	1.16923E-06	1.1692343
409692.393731494	409692.39	3731494	0.006020147	0.000526763	0.001053526	0.004966622	0.004590362	0.001128778	0.000150504	8.38437E-08	1.00846E-06	1.09231E-06	1.0923065
409712.393731494	409712.39	3731494	0.005629808	0.000492608	0.000985216	0.004644592	0.004292729	0.001055589	0.000140745	7.84074E-08	9.43075E-07	1.02148E-06	1.0214826
409732.393731494	409732.39	3731494	0.00527185	0.000461287	0.000922574	0.004349276	0.004019785	0.000988472	0.000131796	7.3422E-08	8.83112E-07	9.56534E-07	0.956534
409752.393731494	409752.39	3731494	0.004942745	0.00043249	0.00086498	0.004077765	0.003768843	0.000926765	0.000123569	6.88385E-08	8.27982E-07	8.96821E-07	0.8968207
409772.393731494	409772.39	3731494	0.004639344	0.000405943	0.000811885	0.003827459	0.0035375	0.000869877	0.000115984	6.4613E-08	7.77158E-07	8.41771E-07	0.841771
409792.393731494	409792.39	3731494	0.004358622	0.000381379	0.000762759	0.003595863	0.003323449	0.000817242	0.000108966	6.07034E-08	7.30133E-07	7.90836E-07	0.7908363
408832.393731514	408832.39	3731514	0.000783829	6.8585E-05	0.00013717	0.000646659	0.000597669	0.000146968	1.95957E-05	1.070165E-08	1.31303E-07	1.42219E-07	0.1422193
408852.393731514	408852.39	3731514	0.000809532	7.08341E-05	0.000141668	0.000667864	0.000617268	0.000151787	2.02383E-05	1.12745E-08	1.35608E-07	1.46883E-07	0.146883
408872.393731514	408872.39	3731514	0.000837126	7.32485E-05	0.000146497	0.000690629	0.000638308	0.000156961	2.09281E-05	1.16588E-08	1.40231E-07	1.5189E-07	0.1518896
408892.393731514	408892.39	3731514	0.000866735	7.58393E-05	0.000151679	0.000715056	0.000660885	0.000162513	2.16684E-05	1.20712E-08	1.45191E-07	1.57262E-07	0.157262
408912.393731514	408912.39	3731514	0.000898738	7.86396E-05	0.000157279	0.000741459	0.000685288	0.000168513	2.24685E-05	1.25169E-08	1.50552E-07	1.63069E-07	0.1630687
408932.393731514	408932.39	3731514	0.000933513	8.16824E-05	0.000163365	0.000770149	0.000711804	0.000175034	2.33378E-05	1.30012E-08	1.56377E-07	1.69378E-07	0.1693784
408952.393731514	408952.39	3731514	0.000970053	8.48796E-05	0.000169759	0.000800293	0.000739665	0.000181885	2.42513E-05	1.35101E-08	1.62498E-07	1.76008E-07	0.1760081
408972.393731514	408972.39	3731514	0.001011002	8.84626E-05	0.000176925	0.000834076	0.000770889	0.000189563	2.5275E-05	1.40804E-08	1.69358E-07	1.83438E-07	0.183438
408992.393731514	408992.39	3731514	0.001057117	9.24977E-05	0.000184995	0.000872121	0.000806051	0.000198209	2.64279E-05	1.47227E-08	1.77083E-07	1.91805E-07	0.1918052
409012.393731514	409012.39	3731514	0.00110928	9.7062E-05	0.000194124	0.000915156	0.000845826	0.00020799	2.7732E-05	1.54491E-08	1.85821E-07	2.0127E-07	0.2012697
409032.393731514	409032.39	3731514	0.001164466	0.000101891	0.000203782	0.000960685	0.000887906	0.000218337	2.91117E-05	1.62177E-08	1.95065E-07	2.11283E-07	0.2112829
409052.393731514	409052.39	3731514	0.001229229	0.000107558	0.000215115	0.001014114	0.000937287	0.00023048	3.07307E-05	1.71197E-08	2.05914E-07	2.23034E-07	0.2230335
409072.393731514	409072.39	3731514	0.001297393	0.000113522	0.000227044	0.001107035	0.000989262	0.000243261	3.24348E-05	1.8069E-08	2.17332E-07	2.35401E-07	0.2354014
409092.393731514	409092.39	3731514	0.001375638	0.000120368	0.000240737	0.001134901	0.001048924	0.000257932	3.43909E-05	1.91588E-08	2.30439E-07	2.49598E-07	0.2495982
409112.393731514	409112.39	3731514	0.00146308	0.000128019	0.000256039	0.001207041	0.001115598	0.000274327	3.6577E-05	2.03766E-08	2.45087E-07	2.65464E-07	0.2654639
409132.393731514	409132.39	3731514	0.001574461	0.000137765	0.000275531	0.001298931	0.001200527	0.000295211	3.93615E-05	2.19278E-08	2.63745E-07	2.85673E-07	0.2856731
409312.393731514	409312.39	3731514	0.004877352	0.000426768	0.000853537	0.004023816	0.003718981	0.000914504	0.000121934	6.79278E-08	8.17028E-07	8.84956E-07	0.8849557
409332.393731514	409332.39	3731514	0.005593773	0.000489455	0.00097891	0.004614862	0.004265252	0.001048832	0.000139844	7.79055E-08	9.37039E-07	1.01494E-06	1.0149443
409412.393731514	409412.39	3731514	0.00843186	0.000737788	0.001475576	0.006956285	0.006429293	0.001580974	0.000210797	1.17432E-07	1.41246E-06	1.52989E-06	1.5298921
409532.393731514	409532.39	3731514	0.009208381	0.000805733	0.001611467	0.007596914	0.007021391	0.001726571	0.00023021	1.28247E-07	1.54254E-06	1.67079E-06	1.6707854
409552.393731514	409552.39	3731514	0.008868314	0.000775978	0.001551955	0.007316359	0.00676209	0.001662809	0.000221708	1.23511E-07	1.48557E-06	1.60908E-06	1.6090831
409572.393731514	409572.39	3731514	0.008472053	0.000741305	0.001482609	0.006989444	0.006459941	0.00158851	0.000211801	1.17992E-07	1.41919E-06	1.53718E-06	1.5371848
409592.393731514	409592.39	3731514	0.008032827	0.000702872	0.001405745	0.006627082	0.006125031	0.001506155	0.000200821	1.11875E-07	1.34562E-06	1.45749E-06	1.4574907
409612.393731514	409612.39	3731514	0.007563361	0.000661794	0.001323588	0.006239773	0.005767063	0.00141813	0.000189084	1.05336E-07	1.26697E-06	1.37231E-06	1.37231
409632.393731514	409632.39	3731514	0.007093896	0.000620716	0.001241432	0.005852464	0.005409095	0.001330105	0.000177347	9.8798E-08	1.18833E-06	1.28713E-06	1.2871293
409652.393731514	409652.39	3731514	0.006646479	0.000581567	0.001163134	0.005483346	0.005067941	0.001246215	0.000166162	9.25668E-08	1.11338E-06	1.20595E-06	1.2059493
409672.393731514	409672.39	3731514	0.006225019	0.000544689	0.001089378	0.00513564	0.004746577	0.001167191	0.000155625	8.6697E-08	1.04278E-06	1.12948E-06	1.1294787
409692.393731514	409692.39	3731514	0.005829387	0.000510071	0.001020143	0.004809245	0.004444908	0.00109301	0.000145735	8.1187E-08	9.76508E-07	1.05769E-06	1.0576947
409712.393731514	409712.39	3731514	0.005462484	0.000477967	0.000955935	0.004506549	0.004165144	0.001024216	0.000136562	7.6077E-08	9.15046E-07	9.91123E-07	0.991123
409732.393731514	409732.39	3731514	0.005124307	0.000448377	0.000896754	0.004227553	0.003907284	0.000960808	0.000128108	7.13672E-08	8.58396E-07	9.29764E-07	0.9297636
409752.393731514	409752.39	3731514	0.00481322	0.000421157	0.000842313	0.003970906	0.00367008	0.000902479	0.00012033	6.70346E-08	8.06285E-07	8.73319E-07	0.8733194
409772.393731514	409772.39	3731514	0.004526072	0.000396031	0.000792063	0.00373401	0.00345113	0.000848639	0.000113152	6.30355E-08	7.58183E-07	8.21219E-07	0.8212188
409792.393731514	409792.39	3731514	0.004260218	0.000372769	0.000745538	0.00351468	0.003248416	0.000798791	0.000106505	5.93329E-08	7.13649E-07	7.72982E-07	0.7729817

8550 Warner Construction Health Risk Assessment

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations
Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)	
Demolition	3.2. Demolition (2026) - Mitigated	2026	0.010	8	0.000157497
Site Preparation	3.4. Site Preparation (2026) - Mitigated	2026	0.000	8	0
Grading	3.6. Grading (2026) - Mitigated	2026	0.0000	8	0
Building Construction	3.8. Building Construction (2026) - Mitigated	2026	0.000	8	0
Building Construction	3.10. Building Construction (2027) - Mitigated	2027	0.000	8	0
Asphalt Paving	3.14. Paving (2027) - Mitigated	2027	0.000	8	0
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	2027	0.000	8	0

Max Haul Cancer Risk
0.01498

AERMOD Column Identifier: 5 5 5 5 5 5 5

MAX: 0.01498185

Unique Identifier	X (UTM)	Y (UTM)	Demolition	Site Preparation	Grading	Building Construction	Building Construction	Asphalt Paving	Architectural Coating	Child Risk			
			2026	2026	2026	2026	2027	2027	2027	2027	3rd Trimester	0<2	Total
408826.883730582.43	408826.88	3730582.43	9.0088E-06	0	0	0	0	0	0	5.63898E-11	0	5.63898E-11	5.63898E-05
408846.883730582.43	408846.88	3730582.43	9.30962E-06	0	0	0	0	0	0	5.82727E-11	0	5.82727E-11	5.82727E-05
408866.883730582.43	408866.88	3730582.43	9.61044E-06	0	0	0	0	0	0	6.01557E-11	0	6.01557E-11	6.01557E-05
409066.883730582.43	409066.88	3730582.43	1.24218E-05	0	0	0	0	0	0	7.77528E-11	0	7.77528E-11	7.77528E-05
409086.883730582.43	409086.88	3730582.43	1.26611E-05	0	0	0	0	0	0	7.92513E-11	0	7.92513E-11	7.92513E-05
409106.883730582.43	409106.88	3730582.43	1.28911E-05	0	0	0	0	0	0	8.06906E-11	0	8.06906E-11	8.06906E-05
409126.883730582.43	409126.88	3730582.43	1.31084E-05	0	0	0	0	0	0	8.20511E-11	0	8.20511E-11	8.20511E-05
409175.153730584.08	409175.15	3730584.08	1.36738E-05	0	0	0	0	0	0	8.55902E-11	0	8.55902E-11	8.55902E-05
409235.153730584.08	409235.15	3730584.08	1.41637E-05	0	0	0	0	0	0	8.86562E-11	0	8.86562E-11	8.86562E-05
409275.153730584.08	409275.15	3730584.08	1.44078E-05	0	0	0	0	0	0	9.01842E-11	0	9.01842E-11	9.01842E-05
409315.153730584.08	409315.15	3730584.08	1.4581E-05	0	0	0	0	0	0	9.12686E-11	0	9.12686E-11	9.12686E-05
409335.153730584.08	409335.15	3730584.08	1.46377E-05	0	0	0	0	0	0	9.16235E-11	0	9.16235E-11	9.16235E-05
409428.523730594	409428.52	3730594	1.53102E-05	0	0	0	0	0	0	9.58331E-11	0	9.58331E-11	9.58331E-05
409472.393730594	409472.39	3730594	1.51638E-05	0	0	0	0	0	0	9.49162E-11	0	9.49162E-11	9.49162E-05
409523.353730595.29	409523.35	3730595.29	1.49496E-05	0	0	0	0	0	0	9.35755E-11	0	9.35755E-11	9.35755E-05
409572.393730594	409572.39	3730594	1.44535E-05	0	0	0	0	0	0	9.04701E-11	0	9.04701E-11	9.04701E-05
409592.393730594	409592.39	3730594	1.42519E-05	0	0	0	0	0	0	8.92083E-11	0	8.92083E-11	8.92083E-05
409612.393730594	409612.39	3730594	1.40282E-05	0	0	0	0	0	0	8.78084E-11	0	8.78084E-11	8.78084E-05
409632.393730594	409632.39	3730594	1.37841E-05	0	0	0	0	0	0	8.62803E-11	0	8.62803E-11	8.62803E-05
409652.393730594	409652.39	3730594	1.35242E-05	0	0	0	0	0	0	8.46537E-11	0	8.46537E-11	8.46537E-05
409672.393730594	409672.39	3730594	1.32455E-05	0	0	0	0	0	0	8.29088E-11	0	8.29088E-11	8.29088E-05
409692.393730594	409692.39	3730594	1.29509E-05	0	0	0	0	0	0	8.10653E-11	0	8.10653E-11	8.10653E-05
409712.393730594	409712.39	3730594	1.26422E-05	0	0	0	0	0	0	7.9133E-11	0	7.9133E-11	7.9133E-05
409732.393730594	409732.39	3730594	1.23225E-05	0	0	0	0	0	0	7.71318E-11	0	7.71318E-11	7.71318E-05
409752.393730594	409752.39	3730594	1.19902E-05	0	0	0	0	0	0	7.50517E-11	0	7.50517E-11	7.50517E-05
409772.393730594	409772.39	3730594	1.16516E-05	0	0	0	0	0	0	7.29321E-11	0	7.29321E-11	7.29321E-05
408826.883730602.43	408826.88	3730602.43	9.36159E-06	0	0	0	0	0	0	5.85981E-11	0	5.85981E-11	5.85981E-05
408846.883730602.43	408846.88	3730602.43	9.69549E-06	0	0	0	0	0	0	6.0688E-11	0	6.0688E-11	6.0688E-05
408866.883730602.43	408866.88	3730602.43	1.00341E-05	0	0	0	0	0	0	6.28076E-11	0	6.28076E-11	6.28076E-05
408906.883730602.43	408906.88	3730602.43	1.07145E-05	0	0	0	0	0	0	6.70664E-11	0	6.70664E-11	6.70664E-05
408926.883730602.43	408926.88	3730602.43	1.10547E-05	0	0	0	0	0	0	6.91958E-11	0	6.91958E-11	6.91958E-05
408946.883730602.43	408946.88	3730602.43	1.13917E-05	0	0	0	0	0	0	7.13055E-11	0	7.13055E-11	7.13055E-05
408966.883730602.43	408966.88	3730602.43	1.1724E-05	0	0	0	0	0	0	7.33856E-11	0	7.33856E-11	7.33856E-05
408986.883730602.43	408986.88	3730602.43	1.20516E-05	0	0	0	0	0	0	7.54361E-11	0	7.54361E-11	7.54361E-05

409006.883730602.43	409006.88	3730602.43	1.23714E-05	0	0	0	0	0	0	7.74374E-11	0	7.74374E-11	7.74374E-05
409026.883730602.43	409026.88	3730602.43	1.26832E-05	0	0	0	0	0	0	7.93893E-11	0	7.93893E-11	7.93893E-05
409046.883730602.43	409046.88	3730602.43	1.29856E-05	0	0	0	0	0	0	8.12821E-11	0	8.12821E-11	8.12821E-05
409066.883730602.43	409066.88	3730602.43	1.32801E-05	0	0	0	0	0	0	8.31256E-11	0	8.31256E-11	8.31256E-05
409086.883730602.43	409086.88	3730602.43	1.35636E-05	0	0	0	0	0	0	8.49002E-11	0	8.49002E-11	8.49002E-05
409106.883730602.43	409106.88	3730602.43	1.38361E-05	0	0	0	0	0	0	8.66056E-11	0	8.66056E-11	8.66056E-05
409126.883730602.43	409126.88	3730602.43	1.40975E-05	0	0	0	0	0	0	8.82421E-11	0	8.82421E-11	8.82421E-05
409175.153730604.08	409175.15	3730604.08	1.47732E-05	0	0	0	0	0	0	9.24714E-11	0	9.24714E-11	9.24714E-05
409235.153730604.08	409235.15	3730604.08	1.5378E-05	0	0	0	0	0	0	9.6257E-11	0	9.6257E-11	9.6257E-05
409275.153730604.08	409275.15	3730604.08	1.56867E-05	0	0	0	0	0	0	9.81892E-11	0	9.81892E-11	9.81892E-05
409315.153730604.08	409315.15	3730604.08	1.59103E-05	0	0	0	0	0	0	9.95891E-11	0	9.95891E-11	9.95891E-05
409335.153730604.08	409335.15	3730604.08	1.59859E-05	0	0	0	0	0	0	1.00062E-10	0	1.00062E-10	0.000100062
409428.523730614	409428.52	3730614	1.67781E-05	0	0	0	0	0	0	1.05021E-10	0	1.05021E-10	0.000105021
409572.393730614	409572.39	3730614	1.57749E-05	0	0	0	0	0	0	9.87413E-11	0	9.87413E-11	9.87413E-05
409592.393730614	409592.39	3730614	1.55386E-05	0	0	0	0	0	0	9.72625E-11	0	9.72625E-11	9.72625E-05
409612.393730614	409612.39	3730614	1.52772E-05	0	0	0	0	0	0	9.5626E-11	0	9.5626E-11	9.5626E-05
409632.393730614	409632.39	3730614	1.49937E-05	0	0	0	0	0	0	9.38515E-11	0	9.38515E-11	9.38515E-05
409652.393730614	409652.39	3730614	1.46913E-05	0	0	0	0	0	0	9.19587E-11	0	9.19587E-11	9.19587E-05
409672.393730614	409672.39	3730614	1.43684E-05	0	0	0	0	0	0	8.99378E-11	0	8.99378E-11	8.99378E-05
409692.393730614	409692.39	3730614	1.40282E-05	0	0	0	0	0	0	8.78084E-11	0	8.78084E-11	8.78084E-05
409712.393730614	409712.39	3730614	1.36707E-05	0	0	0	0	0	0	8.55705E-11	0	8.55705E-11	8.55705E-05
409732.393730614	409732.39	3730614	1.33006E-05	0	0	0	0	0	0	8.32538E-11	0	8.32538E-11	8.32538E-05
409752.393730614	409752.39	3730614	1.2921E-05	0	0	0	0	0	0	8.08779E-11	0	8.08779E-11	8.08779E-05
409772.393730614	409772.39	3730614	1.25304E-05	0	0	0	0	0	0	7.84331E-11	0	7.84331E-11	7.84331E-05
409251.243730720.44	409251.24	3730720.44	2.67949E-05	0	0	0	0	0	0	1.6772E-10	0	1.6772E-10	0.00016772
409175.153730624.08	409175.15	3730624.08	1.59953E-05	0	0	0	0	0	0	1.00121E-10	0	1.00121E-10	0.000100121
409315.153730624.08	409315.15	3730624.08	1.74175E-05	0	0	0	0	0	0	1.09024E-10	0	1.09024E-10	0.000109024
409335.153730624.08	409335.15	3730624.08	1.75168E-05	0	0	0	0	0	0	1.09645E-10	0	1.09645E-10	0.000109645
409428.523730634	409428.52	3730634	1.84602E-05	0	0	0	0	0	0	1.1555E-10	0	1.1555E-10	0.00011555
409472.393730634	409472.39	3730634	1.82649E-05	0	0	0	0	0	0	1.14327E-10	0	1.14327E-10	0.000114327
409492.393730634	409492.39	3730634	1.81247E-05	0	0	0	0	0	0	1.1345E-10	0	1.1345E-10	0.00011345
409512.393730634	409512.39	3730634	1.79562E-05	0	0	0	0	0	0	1.12395E-10	0	1.12395E-10	0.000112395
409572.393730634	409572.39	3730634	1.72821E-05	0	0	0	0	0	0	1.08176E-10	0	1.08176E-10	0.000108176
409592.393730634	409592.39	3730634	1.70033E-05	0	0	0	0	0	0	1.06431E-10	0	1.06431E-10	0.000106431
409612.393730634	409612.39	3730634	1.66978E-05	0	0	0	0	0	0	1.04518E-10	0	1.04518E-10	0.000104518
409632.393730634	409632.39	3730634	1.6367E-05	0	0	0	0	0	0	1.02448E-10	0	1.02448E-10	0.000102448
409652.393730634	409652.39	3730634	1.60127E-05	0	0	0	0	0	0	1.0023E-10	0	1.0023E-10	0.00010023
409672.393730634	409672.39	3730634	1.56363E-05	0	0	0	0	0	0	9.78737E-11	0	9.78737E-11	9.78737E-05
409692.393730634	409692.39	3730634	1.52409E-05	0	0	0	0	0	0	9.53993E-11	0	9.53993E-11	9.53993E-05
409712.393730634	409712.39	3730634	1.48283E-05	0	0	0	0	0	0	9.28164E-11	0	9.28164E-11	9.28164E-05
409732.393730634	409732.39	3730634	1.43999E-05	0	0	0	0	0	0	9.01349E-11	0	9.01349E-11	9.01349E-05
409752.393730634	409752.39	3730634	1.39605E-05	0	0	0	0	0	0	8.73845E-11	0	8.73845E-11	8.73845E-05
409772.393730634	409772.39	3730634	1.35116E-05	0	0	0	0	0	0	8.45748E-11	0	8.45748E-11	8.45748E-05
409251.243730740.44	409251.24	3730740.44	2.98094E-05	0	0	0	0	0	0	1.86589E-10	0	1.86589E-10	0.000186589
408825.583730653.45	408825.58	3730653.45	1.02625E-05	0	0	0	0	0	0	6.4237E-11	0	6.4237E-11	6.4237E-05
408845.583730653.45	408845.58	3730653.45	1.06956E-05	0	0	0	0	0	0	6.69481E-11	0	6.69481E-11	6.69481E-05
408865.583730653.45	408865.58	3730653.45	1.11413E-05	0	0	0	0	0	0	6.9738E-11	0	6.9738E-11	6.9738E-05
408885.583730653.45	408885.58	3730653.45	1.15965E-05	0	0	0	0	0	0	7.25871E-11	0	7.25871E-11	7.25871E-05
408905.583730653.45	408905.58	3730653.45	1.20627E-05	0	0	0	0	0	0	7.55051E-11	0	7.55051E-11	7.55051E-05
408925.583730653.45	408925.58	3730653.45	1.25336E-05	0	0	0	0	0	0	7.84528E-11	0	7.84528E-11	7.84528E-05
408945.583730653.45	408945.58	3730653.45	1.30092E-05	0	0	0	0	0	0	8.143E-11	0	8.143E-11	8.143E-05
408965.583730653.45	408965.58	3730653.45	1.34864E-05	0	0	0	0	0	0	8.44171E-11	0	8.44171E-11	8.44171E-05
408985.583730653.45	408985.58	3730653.45	1.39621E-05	0	0	0	0	0	0	8.73943E-11	0	8.73943E-11	8.73943E-05
409005.583730653.45	409005.58	3730653.45	1.4433E-05	0	0	0	0	0	0	9.0342E-11	0	9.0342E-11	9.0342E-05
409025.583730653.45	409025.58	3730653.45	1.48992E-05	0	0	0	0	0	0	9.326E-11	0	9.326E-11	9.326E-05
409045.583730653.45	409045.58	3730653.45	1.53575E-05	0	0	0	0	0	0	9.61288E-11	0	9.61288E-11	9.61288E-05

409065.583730653.45	409065.58	3730653.45	1.58064E-05	0	0	0	0	0	0	9.89384E-11	0	9.89384E-11	9.89384E-05
409085.583730653.45	409085.58	3730653.45	1.62458E-05	0	0	0	0	0	0	1.01689E-10	0	1.01689E-10	0.000101689
409105.583730653.45	409105.58	3730653.45	1.66726E-05	0	0	0	0	0	0	1.04361E-10	0	1.04361E-10	0.000104361
409125.583730653.45	409125.58	3730653.45	1.70884E-05	0	0	0	0	0	0	1.06963E-10	0	1.06963E-10	0.000106963
409175.153730644.08	409175.15	3730644.08	1.73608E-05	0	0	0	0	0	0	1.08669E-10	0	1.08669E-10	0.000108669
409215.153730644.08	409215.15	3730644.08	1.7994E-05	0	0	0	0	0	0	1.12632E-10	0	1.12632E-10	0.000112632
409235.153730644.08	409235.15	3730644.08	1.82759E-05	0	0	0	0	0	0	1.14396E-10	0	1.14396E-10	0.000114396
409255.153730644.08	409255.15	3730644.08	1.85326E-05	0	0	0	0	0	0	1.16003E-10	0	1.16003E-10	0.000116003
409275.153730644.08	409275.15	3730644.08	1.87626E-05	0	0	0	0	0	0	1.17443E-10	0	1.17443E-10	0.000117443
409295.153730644.08	409295.15	3730644.08	1.89626E-05	0	0	0	0	0	0	1.18695E-10	0	1.18695E-10	0.000118695
409315.153730644.08	409315.15	3730644.08	1.91295E-05	0	0	0	0	0	0	1.1974E-10	0	1.1974E-10	0.00011974
409335.153730644.08	409335.15	3730644.08	1.92618E-05	0	0	0	0	0	0	1.20568E-10	0	1.20568E-10	0.000120568
409428.523730654	409428.52	3730654	2.03958E-05	0	0	0	0	0	0	1.27666E-10	0	1.27666E-10	0.000127666
409472.393730654	409472.39	3730654	2.01722E-05	0	0	0	0	0	0	1.26266E-10	0	1.26266E-10	0.000126266
409492.393730654	409492.39	3730654	2.00068E-05	0	0	0	0	0	0	1.25231E-10	0	1.25231E-10	0.000125231
409512.393730654	409512.39	3730654	1.98068E-05	0	0	0	0	0	0	1.23979E-10	0	1.23979E-10	0.000123979
409572.393730654	409572.39	3730654	1.90083E-05	0	0	0	0	0	0	1.1898E-10	0	1.1898E-10	0.00011898
409592.393730654	409592.39	3730654	1.86791E-05	0	0	0	0	0	0	1.1692E-10	0	1.1692E-10	0.00011692
409612.393730654	409612.39	3730654	1.83184E-05	0	0	0	0	0	0	1.14663E-10	0	1.14663E-10	0.000114663
409632.393730654	409632.39	3730654	1.7931E-05	0	0	0	0	0	0	1.12237E-10	0	1.12237E-10	0.000112237
409652.393730654	409652.39	3730654	1.75152E-05	0	0	0	0	0	0	1.09635E-10	0	1.09635E-10	0.000109635
409672.393730654	409672.39	3730654	1.70773E-05	0	0	0	0	0	0	1.06894E-10	0	1.06894E-10	0.000106894
409692.393730654	409692.39	3730654	1.66159E-05	0	0	0	0	0	0	1.04006E-10	0	1.04006E-10	0.000104006
409712.393730654	409712.39	3730654	1.61339E-05	0	0	0	0	0	0	1.00989E-10	0	1.00989E-10	0.000100989
409732.393730654	409732.39	3730654	1.56363E-05	0	0	0	0	0	0	9.78737E-11	0	9.78737E-11	9.78737E-05
409752.393730654	409752.39	3730654	1.51275E-05	0	0	0	0	0	0	9.46895E-11	0	9.46895E-11	9.46895E-05
409772.393730654	409772.39	3730654	1.46094E-05	0	0	0	0	0	0	9.14461E-11	0	9.14461E-11	9.14461E-05
409251.243730760.44	409251.24	3730760.44	3.33247E-05	0	0	0	0	0	0	2.08593E-10	0	2.08593E-10	0.000208593
409175.153730664.08	409175.15	3730664.08	1.8887E-05	0	0	0	0	0	0	1.18221E-10	0	1.18221E-10	0.000118221
409428.523730674	409428.52	3730674	2.26338E-05	0	0	0	0	0	0	1.41674E-10	0	1.41674E-10	0.000141674
409472.393730674	409472.39	3730674	2.23787E-05	0	0	0	0	0	0	1.40077E-10	0	1.40077E-10	0.000140077
409492.393730674	409492.39	3730674	2.21865E-05	0	0	0	0	0	0	1.38875E-10	0	1.38875E-10	0.000138875
409512.393730674	409512.39	3730674	2.19503E-05	0	0	0	0	0	0	1.37396E-10	0	1.37396E-10	0.000137396
409572.393730674	409572.39	3730674	2.09959E-05	0	0	0	0	0	0	1.31422E-10	0	1.31422E-10	0.000131422
409592.393730674	409592.39	3730674	2.06037E-05	0	0	0	0	0	0	1.28967E-10	0	1.28967E-10	0.000128967
409612.393730674	409612.39	3730674	2.01785E-05	0	0	0	0	0	0	1.26305E-10	0	1.26305E-10	0.000126305
409632.393730674	409632.39	3730674	1.97217E-05	0	0	0	0	0	0	1.23446E-10	0	1.23446E-10	0.000123446
409652.393730674	409652.39	3730674	1.92335E-05	0	0	0	0	0	0	1.2039E-10	0	1.2039E-10	0.00012039
409672.393730674	409672.39	3730674	1.87185E-05	0	0	0	0	0	0	1.17167E-10	0	1.17167E-10	0.000117167
409692.393730674	409692.39	3730674	1.81798E-05	0	0	0	0	0	0	1.13795E-10	0	1.13795E-10	0.000113795
409712.393730674	409712.39	3730674	1.76176E-05	0	0	0	0	0	0	1.10276E-10	0	1.10276E-10	0.000110276
409732.393730674	409732.39	3730674	1.7038E-05	0	0	0	0	0	0	1.06648E-10	0	1.06648E-10	0.000106648
409752.393730674	409752.39	3730674	1.64442E-05	0	0	0	0	0	0	1.02931E-10	0	1.02931E-10	0.000102931
409772.393730674	409772.39	3730674	1.58442E-05	0	0	0	0	0	0	9.9175E-11	0	9.9175E-11	9.9175E-05
409251.243730780.44	409251.24	3730780.44	3.74558E-05	0	0	0	0	0	0	2.34451E-10	0	2.34451E-10	0.000234451
408826.883730682.43	408826.88	3730682.43	1.08295E-05	0	0	0	0	0	0	6.7786E-11	0	6.7786E-11	6.7786E-05
408846.883730682.43	408846.88	3730682.43	1.13287E-05	0	0	0	0	0	0	7.09111E-11	0	7.09111E-11	7.09111E-05
408866.883730682.43	408866.88	3730682.43	1.18469E-05	0	0	0	0	0	0	7.41545E-11	0	7.41545E-11	7.41545E-05
408886.883730682.43	408886.88	3730682.43	1.23824E-05	0	0	0	0	0	0	7.75064E-11	0	7.75064E-11	7.75064E-05
408906.883730682.43	408906.88	3730682.43	1.29336E-05	0	0	0	0	0	0	8.09568E-11	0	8.09568E-11	8.09568E-05
408926.883730682.43	408926.88	3730682.43	1.3499E-05	0	0	0	0	0	0	8.4496E-11	0	8.4496E-11	8.4496E-05
408946.883730682.43	408946.88	3730682.43	1.40739E-05	0	0	0	0	0	0	8.80943E-11	0	8.80943E-11	8.80943E-05
408966.883730682.43	408966.88	3730682.43	1.46566E-05	0	0	0	0	0	0	9.17418E-11	0	9.17418E-11	9.17418E-05
408986.883730682.43	408986.88	3730682.43	1.52441E-05	0	0	0	0	0	0	9.5419E-11	0	9.5419E-11	9.5419E-05
409006.883730682.43	409006.88	3730682.43	1.583E-05	0	0	0	0	0	0	9.90863E-11	0	9.90863E-11	9.90863E-05
409026.883730682.43	409026.88	3730682.43	1.64159E-05	0	0	0	0	0	0	1.02754E-10	0	1.02754E-10	0.000102754

409046.883730682.43	409046.88	3730682.43	1.69939E-05	0	0	0	0	0	0	1.06372E-10	0	1.06372E-10	0.000106372
409066.883730682.43	409066.88	3730682.43	1.75656E-05	0	0	0	0	0	0	1.0995E-10	0	1.0995E-10	0.00010995
409086.883730682.43	409086.88	3730682.43	1.81279E-05	0	0	0	0	0	0	1.1347E-10	0	1.1347E-10	0.00011347
409106.883730682.43	409106.88	3730682.43	1.86791E-05	0	0	0	0	0	0	1.1692E-10	0	1.1692E-10	0.00011692
409126.883730682.43	409126.88	3730682.43	1.92177E-05	0	0	0	0	0	0	1.20292E-10	0	1.20292E-10	0.000120292
409175.153730684.08	409175.15	3730684.08	2.06005E-05	0	0	0	0	0	0	1.28947E-10	0	1.28947E-10	0.000128947
409215.153730684.08	409215.15	3730684.08	2.15487E-05	0	0	0	0	0	0	1.34882E-10	0	1.34882E-10	0.000134882
409235.153730684.08	409235.15	3730684.08	2.19802E-05	0	0	0	0	0	0	1.37583E-10	0	1.37583E-10	0.000137583
409255.153730684.08	409255.15	3730684.08	2.23803E-05	0	0	0	0	0	0	1.40087E-10	0	1.40087E-10	0.000140087
409275.153730684.08	409275.15	3730684.08	2.27425E-05	0	0	0	0	0	0	1.42355E-10	0	1.42355E-10	0.000142355
409295.153730684.08	409295.15	3730684.08	2.30654E-05	0	0	0	0	0	0	1.44376E-10	0	1.44376E-10	0.000144376
409315.153730684.08	409315.15	3730684.08	2.33394E-05	0	0	0	0	0	0	1.46091E-10	0	1.46091E-10	0.000146091
409428.523730694	409428.52	3730694	2.52388E-05	0	0	0	0	0	0	1.5798E-10	0	1.5798E-10	0.00015798
409472.393730694	409472.39	3730694	2.49522E-05	0	0	0	0	0	0	1.56186E-10	0	1.56186E-10	0.000156186
409492.393730694	409492.39	3730694	2.47254E-05	0	0	0	0	0	0	1.54766E-10	0	1.54766E-10	0.000154766
409512.393730694	409512.39	3730694	2.4445E-05	0	0	0	0	0	0	1.53012E-10	0	1.53012E-10	0.000153012
409572.393730694	409572.39	3730694	2.33079E-05	0	0	0	0	0	0	1.45894E-10	0	1.45894E-10	0.000145894
409592.393730694	409592.39	3730694	2.28401E-05	0	0	0	0	0	0	1.42966E-10	0	1.42966E-10	0.000142966
409612.393730694	409612.39	3730694	2.23346E-05	0	0	0	0	0	0	1.39801E-10	0	1.39801E-10	0.000139801
409652.393730694	409652.39	3730694	2.12164E-05	0	0	0	0	0	0	1.32802E-10	0	1.32802E-10	0.000132802
409672.393730694	409672.39	3730694	2.061E-05	0	0	0	0	0	0	1.29006E-10	0	1.29006E-10	0.000129006
409692.393730694	409692.39	3730694	1.99737E-05	0	0	0	0	0	0	1.25024E-10	0	1.25024E-10	0.000125024
409712.393730694	409712.39	3730694	1.93138E-05	0	0	0	0	0	0	1.20893E-10	0	1.20893E-10	0.000120893
409732.393730694	409732.39	3730694	1.86334E-05	0	0	0	0	0	0	1.16634E-10	0	1.16634E-10	0.000116634
409772.393730694	409772.39	3730694	1.72364E-05	0	0	0	0	0	0	1.0789E-10	0	1.0789E-10	0.00010789
409251.243730800.44	409251.24	3730800.44	4.2354E-05	0	0	0	0	0	0	2.65111E-10	0	2.65111E-10	0.000265111
409175.153730704.08	409175.15	3730704.08	2.2533E-05	0	0	0	0	0	0	1.41043E-10	0	1.41043E-10	0.000141043
409321.973730701.65	409321.97	3730701.65	2.57097E-05	0	0	0	0	0	0	1.60928E-10	0	1.60928E-10	0.000160928
409428.523730714	409428.52	3730714	2.8288E-05	0	0	0	0	0	0	1.77066E-10	0	1.77066E-10	0.000177066
409472.393730714	409472.39	3730714	2.79667E-05	0	0	0	0	0	0	1.75055E-10	0	1.75055E-10	0.000175055
409492.393730714	409492.39	3730714	2.77021E-05	0	0	0	0	0	0	1.73399E-10	0	1.73399E-10	0.000173399
409512.393730714	409512.39	3730714	2.73713E-05	0	0	0	0	0	0	1.71328E-10	0	1.71328E-10	0.000171328
409572.393730714	409572.39	3730714	2.6009E-05	0	0	0	0	0	0	1.62801E-10	0	1.62801E-10	0.000162801
409592.393730714	409592.39	3730714	2.54483E-05	0	0	0	0	0	0	1.59291E-10	0	1.59291E-10	0.000159291
409612.393730714	409612.39	3730714	2.48467E-05	0	0	0	0	0	0	1.55525E-10	0	1.55525E-10	0.000155525
409732.393730714	409732.39	3730714	2.04588E-05	0	0	0	0	0	0	1.2806E-10	0	1.2806E-10	0.00012806
409772.393730714	409772.39	3730714	1.88193E-05	0	0	0	0	0	0	1.17797E-10	0	1.17797E-10	0.000117797
409251.243730820.44	409251.24	3730820.44	4.82286E-05	0	0	0	0	0	0	3.01883E-10	0	3.01883E-10	0.000301883
408826.883730722.43	408826.88	3730722.43	1.1576E-05	0	0	0	0	0	0	7.24589E-11	0	7.24589E-11	7.24589E-05
408846.883730722.43	408846.88	3730722.43	1.21729E-05	0	0	0	0	0	0	7.61952E-11	0	7.61952E-11	7.61952E-05
408886.883730722.43	408886.88	3730722.43	1.34612E-05	0	0	0	0	0	0	8.42594E-11	0	8.42594E-11	8.42594E-05
408906.883730722.43	408906.88	3730722.43	1.41495E-05	0	0	0	0	0	0	8.85675E-11	0	8.85675E-11	8.85675E-05
408926.883730722.43	408926.88	3730722.43	1.48692E-05	0	0	0	0	0	0	9.30727E-11	0	9.30727E-11	9.30727E-05
408966.883730722.43	408966.88	3730722.43	1.63765E-05	0	0	0	0	0	0	1.02507E-10	0	1.02507E-10	0.000102507
408986.883730722.43	408986.88	3730722.43	1.71577E-05	0	0	0	0	0	0	1.07397E-10	0	1.07397E-10	0.000107397
409006.883730722.43	409006.88	3730722.43	1.79515E-05	0	0	0	0	0	0	1.12366E-10	0	1.12366E-10	0.000112366
409026.883730722.43	409026.88	3730722.43	1.87515E-05	0	0	0	0	0	0	1.17374E-10	0	1.17374E-10	0.000117374
409046.883730722.43	409046.88	3730722.43	1.95563E-05	0	0	0	0	0	0	1.22411E-10	0	1.22411E-10	0.000122411
409066.883730722.43	409066.88	3730722.43	2.0358E-05	0	0	0	0	0	0	1.27429E-10	0	1.27429E-10	0.000127429
409086.883730722.43	409086.88	3730722.43	2.11534E-05	0	0	0	0	0	0	1.32408E-10	0	1.32408E-10	0.000132408
409106.883730722.43	409106.88	3730722.43	2.19424E-05	0	0	0	0	0	0	1.37347E-10	0	1.37347E-10	0.000137347
409126.883730722.43	409126.88	3730722.43	2.27189E-05	0	0	0	0	0	0	1.42207E-10	0	1.42207E-10	0.000142207
409175.153730724.08	409175.15	3730724.08	2.47207E-05	0	0	0	0	0	0	1.54737E-10	0	1.54737E-10	0.000154737
409226.653730720.18	409226.65	3730720.18	2.60106E-05	0	0	0	0	0	0	1.62811E-10	0	1.62811E-10	0.000162811
409275.963730720.53	409275.96	3730720.53	2.7491E-05	0	0	0	0	0	0	1.72078E-10	0	1.72078E-10	0.000172078
409321.973730721.65	409321.97	3730721.65	2.87085E-05	0	0	0	0	0	0	1.79698E-10	0	1.79698E-10	0.000179698

409428.523730734	409428.52	3730734	3.18804E-05	0	0	0	0	0	0	1.99553E-10	0	1.99553E-10	0.000199553
409472.393730734	409472.39	3730734	3.15261E-05	0	0	0	0	0	0	1.97335E-10	0	1.97335E-10	0.000197335
409492.393730734	409492.39	3730734	3.12174E-05	0	0	0	0	0	0	1.95402E-10	0	1.95402E-10	0.000195402
409512.393730734	409512.39	3730734	3.08236E-05	0	0	0	0	0	0	1.92938E-10	0	1.92938E-10	0.000192938
409572.393730734	409572.39	3730734	2.9192E-05	0	0	0	0	0	0	1.82725E-10	0	1.82725E-10	0.000182725
409592.393730734	409592.39	3730734	2.85179E-05	0	0	0	0	0	0	1.78505E-10	0	1.78505E-10	0.000178505
409612.393730734	409612.39	3730734	2.7795E-05	0	0	0	0	0	0	1.7398E-10	0	1.7398E-10	0.00017398
409652.393730734	409652.39	3730734	2.62011E-05	0	0	0	0	0	0	1.64004E-10	0	1.64004E-10	0.000164004
409692.393730734	409692.39	3730734	2.4445E-05	0	0	0	0	0	0	1.53012E-10	0	1.53012E-10	0.000153012
409732.393730734	409732.39	3730734	2.25645E-05	0	0	0	0	0	0	1.41241E-10	0	1.41241E-10	0.000141241
409772.393730734	409772.39	3730734	2.06242E-05	0	0	0	0	0	0	1.29095E-10	0	1.29095E-10	0.000129095
409251.243730840.44	409251.24	3730840.44	5.53663E-05	0	0	0	0	0	0	3.46561E-10	0	3.46561E-10	0.000346561
408826.883730742.43	408826.88	3730742.43	1.19445E-05	0	0	0	0	0	0	7.47658E-11	0	7.47658E-11	7.47658E-05
408846.883730742.43	408846.88	3730742.43	1.25934E-05	0	0	0	0	0	0	7.88274E-11	0	7.88274E-11	7.88274E-05
408886.883730742.43	408886.88	3730742.43	1.40109E-05	0	0	0	0	0	0	8.76999E-11	0	8.76999E-11	8.76999E-05
408906.883730742.43	408906.88	3730742.43	1.47747E-05	0	0	0	0	0	0	9.24812E-11	0	9.24812E-11	9.24812E-05
408926.883730742.43	408926.88	3730742.43	1.55843E-05	0	0	0	0	0	0	9.75484E-11	0	9.75484E-11	9.75484E-05
408966.883730742.43	408966.88	3730742.43	1.72963E-05	0	0	0	0	0	0	1.08264E-10	0	1.08264E-10	0.000108264
408986.883730742.43	408986.88	3730742.43	1.81956E-05	0	0	0	0	0	0	1.13894E-10	0	1.13894E-10	0.000113894
409006.883730742.43	409006.88	3730742.43	1.91185E-05	0	0	0	0	0	0	1.19671E-10	0	1.19671E-10	0.000119671
409026.883730742.43	409026.88	3730742.43	2.00556E-05	0	0	0	0	0	0	1.25536E-10	0	1.25536E-10	0.000125536
409046.883730742.43	409046.88	3730742.43	2.10037E-05	0	0	0	0	0	0	1.31471E-10	0	1.31471E-10	0.000131471
409066.883730742.43	409066.88	3730742.43	2.1955E-05	0	0	0	0	0	0	1.37425E-10	0	1.37425E-10	0.000137425
409086.883730742.43	409086.88	3730742.43	2.29063E-05	0	0	0	0	0	0	1.4338E-10	0	1.4338E-10	0.00014338
409106.883730742.43	409106.88	3730742.43	2.38528E-05	0	0	0	0	0	0	1.49305E-10	0	1.49305E-10	0.000149305
409126.883730742.43	409126.88	3730742.43	2.479E-05	0	0	0	0	0	0	1.55171E-10	0	1.55171E-10	0.000155171
409175.153730744.08	409175.15	3730744.08	2.72091E-05	0	0	0	0	0	0	1.70313E-10	0	1.70313E-10	0.000170313
409226.653730740.18	409226.65	3730740.18	2.88376E-05	0	0	0	0	0	0	1.80506E-10	0	1.80506E-10	0.000180506
409275.963730740.53	409275.96	3730740.53	3.06819E-05	0	0	0	0	0	0	1.92051E-10	0	1.92051E-10	0.000192051
409321.973730741.65	409321.97	3730741.65	3.22143E-05	0	0	0	0	0	0	2.01643E-10	0	2.01643E-10	0.000201643
409412.393730754	409412.39	3730754	3.61376E-05	0	0	0	0	0	0	2.262E-10	0	2.262E-10	0.0002262
409472.393730754	409472.39	3730754	3.57596E-05	0	0	0	0	0	0	2.23834E-10	0	2.23834E-10	0.000223834
409492.393730754	409492.39	3730754	3.53989E-05	0	0	0	0	0	0	2.21576E-10	0	2.21576E-10	0.000221576
409512.393730754	409512.39	3730754	3.49359E-05	0	0	0	0	0	0	2.18678E-10	0	2.18678E-10	0.000218678
409552.393730754	409552.39	3730754	3.37184E-05	0	0	0	0	0	0	2.11058E-10	0	2.11058E-10	0.000211058
409572.393730754	409572.39	3730754	3.2975E-05	0	0	0	0	0	0	2.06404E-10	0	2.06404E-10	0.000206404
409592.393730754	409592.39	3730754	3.21608E-05	0	0	0	0	0	0	2.01308E-10	0	2.01308E-10	0.000201308
409612.393730754	409612.39	3730754	3.12883E-05	0	0	0	0	0	0	1.95846E-10	0	1.95846E-10	0.000195846
409652.393730754	409652.39	3730754	2.93668E-05	0	0	0	0	0	0	1.83819E-10	0	1.83819E-10	0.000183819
409692.393730754	409692.39	3730754	2.72579E-05	0	0	0	0	0	0	1.70619E-10	0	1.70619E-10	0.000170619
409732.393730754	409732.39	3730754	2.50104E-05	0	0	0	0	0	0	1.56551E-10	0	1.56551E-10	0.000156551
409772.393730754	409772.39	3730754	2.26984E-05	0	0	0	0	0	0	1.42079E-10	0	1.42079E-10	0.000142079
409251.243730860.44	409251.24	3730860.44	6.41767E-05	0	0	0	0	0	0	4.01708E-10	0	4.01708E-10	0.000401708
408826.883730762.43	408826.88	3730762.43	1.23036E-05	0	0	0	0	0	0	7.70135E-11	0	7.70135E-11	7.70135E-05
408846.883730762.43	408846.88	3730762.43	1.30092E-05	0	0	0	0	0	0	8.143E-11	0	8.143E-11	8.143E-05
408886.883730762.43	408886.88	3730762.43	1.45621E-05	0	0	0	0	0	0	9.11503E-11	0	9.11503E-11	9.11503E-05
408926.883730762.43	408926.88	3730762.43	1.63119E-05	0	0	0	0	0	0	1.02103E-10	0	1.02103E-10	0.000102103
408966.883730762.43	408966.88	3730762.43	1.82538E-05	0	0	0	0	0	0	1.14258E-10	0	1.14258E-10	0.000114258
408986.883730762.43	408986.88	3730762.43	1.9287E-05	0	0	0	0	0	0	1.20725E-10	0	1.20725E-10	0.000120725
409006.883730762.43	409006.88	3730762.43	2.03564E-05	0	0	0	0	0	0	1.27419E-10	0	1.27419E-10	0.000127419
409026.883730762.43	409026.88	3730762.43	2.14542E-05	0	0	0	0	0	0	1.34291E-10	0	1.34291E-10	0.000134291
409046.883730762.43	409046.88	3730762.43	2.25724E-05	0	0	0	0	0	0	1.4129E-10	0	1.4129E-10	0.00014129
409066.883730762.43	409066.88	3730762.43	2.37048E-05	0	0	0	0	0	0	1.48378E-10	0	1.48378E-10	0.000148378
409086.883730762.43	409086.88	3730762.43	2.48451E-05	0	0	0	0	0	0	1.55516E-10	0	1.55516E-10	0.000155516
409106.883730762.43	409106.88	3730762.43	2.59838E-05	0	0	0	0	0	0	1.62643E-10	0	1.62643E-10	0.000162643
409126.883730762.43	409126.88	3730762.43	2.71193E-05	0	0	0	0	0	0	1.69751E-10	0	1.69751E-10	0.000169751

409175.153730764.08	409175.15	3730764.08	3.00566E-05	0	0	0	0	0	0	1.88137E-10	0	1.88137E-10	0.000188137
409226.653730760.18	409226.65	3730760.18	3.21151E-05	0	0	0	0	0	0	2.01022E-10	0	2.01022E-10	0.000201022
409275.963730760.53	409275.96	3730760.53	3.44193E-05	0	0	0	0	0	0	2.15444E-10	0	2.15444E-10	0.000215444
409321.973730761.65	409321.97	3730761.65	3.63486E-05	0	0	0	0	0	0	2.27521E-10	0	2.27521E-10	0.000227521
409432.393730774	409432.39	3730774	4.12326E-05	0	0	0	0	0	0	2.58092E-10	0	2.58092E-10	0.000258092
409452.393730774	409452.39	3730774	4.11082E-05	0	0	0	0	0	0	2.57313E-10	0	2.57313E-10	0.000257313
409472.393730774	409472.39	3730774	4.08341E-05	0	0	0	0	0	0	2.55598E-10	0	2.55598E-10	0.000255598
409492.393730774	409492.39	3730774	4.04168E-05	0	0	0	0	0	0	2.52985E-10	0	2.52985E-10	0.000252985
409512.393730774	409512.39	3730774	3.98702E-05	0	0	0	0	0	0	2.49564E-10	0	2.49564E-10	0.000249564
409552.393730774	409552.39	3730774	3.84118E-05	0	0	0	0	0	0	2.40435E-10	0	2.40435E-10	0.000240435
409572.393730774	409572.39	3730774	3.75125E-05	0	0	0	0	0	0	2.34806E-10	0	2.34806E-10	0.000234806
409592.393730774	409592.39	3730774	3.6525E-05	0	0	0	0	0	0	2.28625E-10	0	2.28625E-10	0.000228625
409612.393730774	409612.39	3730774	3.54666E-05	0	0	0	0	0	0	2.22E-10	0	2.22E-10	0.00022
409652.393730774	409652.39	3730774	3.31325E-05	0	0	0	0	0	0	2.0739E-10	0	2.0739E-10	0.00020739
409692.393730774	409692.39	3730774	3.05843E-05	0	0	0	0	0	0	1.91439E-10	0	1.91439E-10	0.000191439
409732.393730774	409732.39	3730774	2.78722E-05	0	0	0	0	0	0	1.74463E-10	0	1.74463E-10	0.000174463
409772.393730774	409772.39	3730774	2.50971E-05	0	0	0	0	0	0	1.57093E-10	0	1.57093E-10	0.000157093
409251.243730880.44	409251.24	3730880.44	7.52597E-05	0	0	0	0	0	0	4.71081E-10	0	4.71081E-10	0.000471081
408826.883730782.43	408826.88	3730782.43	1.26517E-05	0	0	0	0	0	0	7.91922E-11	0	7.91922E-11	7.91922E-05
408846.883730782.43	408846.88	3730782.43	1.34124E-05	0	0	0	0	0	0	8.39537E-11	0	8.39537E-11	8.39537E-05
408886.883730782.43	408886.88	3730782.43	1.51086E-05	0	0	0	0	0	0	9.45712E-11	0	9.45712E-11	9.45712E-05
408926.883730782.43	408926.88	3730782.43	1.70506E-05	0	0	0	0	0	0	1.06727E-10	0	1.06727E-10	0.000106727
409175.153730784.08	409175.15	3730784.08	3.33373E-05	0	0	0	0	0	0	2.08672E-10	0	2.08672E-10	0.000208672
409226.653730780.18	409226.65	3730780.18	3.59423E-05	0	0	0	0	0	0	2.24978E-10	0	2.24978E-10	0.000224978
409275.963730780.53	409275.96	3730780.53	3.88355E-05	0	0	0	0	0	0	2.43087E-10	0	2.43087E-10	0.000243087
409321.973730781.65	409321.97	3730781.65	4.12688E-05	0	0	0	0	0	0	2.58318E-10	0	2.58318E-10	0.000258318
409432.393730794	409432.39	3730794	4.73923E-05	0	0	0	0	0	0	2.96648E-10	0	2.96648E-10	0.000296648
409452.393730794	409452.39	3730794	4.72742E-05	0	0	0	0	0	0	2.95908E-10	0	2.95908E-10	0.000295908
409472.393730794	409472.39	3730794	4.69718E-05	0	0	0	0	0	0	2.94016E-10	0	2.94016E-10	0.000294016
409492.393730794	409492.39	3730794	4.6493E-05	0	0	0	0	0	0	2.91019E-10	0	2.91019E-10	0.000291019
409512.393730794	409512.39	3730794	4.5852E-05	0	0	0	0	0	0	2.87006E-10	0	2.87006E-10	0.000287006
409552.393730794	409552.39	3730794	4.41038E-05	0	0	0	0	0	0	2.76064E-10	0	2.76064E-10	0.000276064
409572.393730794	409572.39	3730794	4.30139E-05	0	0	0	0	0	0	2.69242E-10	0	2.69242E-10	0.000269242
409592.393730794	409592.39	3730794	4.18122E-05	0	0	0	0	0	0	2.6172E-10	0	2.6172E-10	0.00026172
409612.393730794	409612.39	3730794	4.05207E-05	0	0	0	0	0	0	2.53636E-10	0	2.53636E-10	0.000253636
409652.393730794	409652.39	3730794	3.76684E-05	0	0	0	0	0	0	2.35782E-10	0	2.35782E-10	0.000235782
409692.393730794	409692.39	3730794	3.45579E-05	0	0	0	0	0	0	2.16312E-10	0	2.16312E-10	0.000216312
409732.393730794	409732.39	3730794	3.12568E-05	0	0	0	0	0	0	1.95649E-10	0	1.95649E-10	0.000195649
409772.393730794	409772.39	3730794	2.78958E-05	0	0	0	0	0	0	1.74611E-10	0	1.74611E-10	0.000174611
409251.243730900.44	409251.24	3730900.44	8.95399E-05	0	0	0	0	0	0	5.60467E-10	0	5.60467E-10	0.000560467
408826.883730802.43	408826.88	3730802.43	1.29824E-05	0	0	0	0	0	0	8.12624E-11	0	8.12624E-11	8.12624E-05
408846.883730802.43	408846.88	3730802.43	1.3803E-05	0	0	0	0	0	0	8.63986E-11	0	8.63986E-11	8.63986E-05
408886.883730802.43	408886.88	3730802.43	1.56457E-05	0	0	0	0	0	0	9.79329E-11	0	9.79329E-11	9.79329E-05
408926.883730802.43	408926.88	3730802.43	1.77892E-05	0	0	0	0	0	0	1.1135E-10	0	1.1135E-10	0.00011135
408966.883730802.43	408966.88	3730802.43	2.02556E-05	0	0	0	0	0	0	1.26788E-10	0	1.26788E-10	0.000126788
408986.883730802.43	408986.88	3730802.43	2.16101E-05	0	0	0	0	0	0	1.35266E-10	0	1.35266E-10	0.000135266
409006.883730802.43	409006.88	3730802.43	2.30402E-05	0	0	0	0	0	0	1.44218E-10	0	1.44218E-10	0.000144218
409026.883730802.43	409026.88	3730802.43	2.45411E-05	0	0	0	0	0	0	1.53613E-10	0	1.53613E-10	0.000153613
409046.883730802.43	409046.88	3730802.43	2.61035E-05	0	0	0	0	0	0	1.63392E-10	0	1.63392E-10	0.000163392
409066.883730802.43	409066.88	3730802.43	2.77147E-05	0	0	0	0	0	0	1.73477E-10	0	1.73477E-10	0.000173477
409086.883730802.43	409086.88	3730802.43	2.93652E-05	0	0	0	0	0	0	1.83809E-10	0	1.83809E-10	0.000183809
409106.883730802.43	409106.88	3730802.43	3.10394E-05	0	0	0	0	0	0	1.94288E-10	0	1.94288E-10	0.000194288
409126.883730802.43	409126.88	3730802.43	3.27278E-05	0	0	0	0	0	0	2.04857E-10	0	2.04857E-10	0.000204857
409175.153730804.08	409175.15	3730804.08	3.71377E-05	0	0	0	0	0	0	2.3246E-10	0	2.3246E-10	0.00023246
409226.653730800.18	409226.65	3730800.18	4.04514E-05	0	0	0	0	0	0	2.53202E-10	0	2.53202E-10	0.000253202
409275.963730800.53	409275.96	3730800.53	4.4099E-05	0	0	0	0	0	0	2.76034E-10	0	2.76034E-10	0.000276034

409321.973730801.65	409321.97	3730801.65	4.71828E-05	0	0	0	0	0	0	2.95337E-10	0	2.95337E-10	0.000295337
409432.393730814	409432.39	3730814	5.49064E-05	0	0	0	0	0	0	3.43682E-10	0	3.43682E-10	0.000343682
409452.393730814	409452.39	3730814	5.48104E-05	0	0	0	0	0	0	3.43081E-10	0	3.43081E-10	0.000343081
409472.393730814	409472.39	3730814	5.4478E-05	0	0	0	0	0	0	3.41E-10	0	3.41E-10	0.000341
409492.393730814	409492.39	3730814	5.39331E-05	0	0	0	0	0	0	3.37589E-10	0	3.37589E-10	0.000337589
409512.393730814	409512.39	3730814	5.31771E-05	0	0	0	0	0	0	3.32857E-10	0	3.32857E-10	0.000332857
409552.393730814	409552.39	3730814	5.10871E-05	0	0	0	0	0	0	3.19775E-10	0	3.19775E-10	0.000319775
409572.393730814	409572.39	3730814	4.97642E-05	0	0	0	0	0	0	3.11494E-10	0	3.11494E-10	0.000311494
409592.393730814	409592.39	3730814	4.82979E-05	0	0	0	0	0	0	3.02316E-10	0	3.02316E-10	0.000302316
409612.393730814	409612.39	3730814	4.67103E-05	0	0	0	0	0	0	2.92379E-10	0	2.92379E-10	0.000292379
409652.393730814	409652.39	3730814	4.31981E-05	0	0	0	0	0	0	2.70395E-10	0	2.70395E-10	0.000270395
409692.393730814	409692.39	3730814	3.936E-05	0	0	0	0	0	0	2.4637E-10	0	2.4637E-10	0.00024637
409732.393730814	409732.39	3730814	3.53028E-05	0	0	0	0	0	0	2.20975E-10	0	2.20975E-10	0.000220975
409772.393730814	409772.39	3730814	3.11859E-05	0	0	0	0	0	0	1.95205E-10	0	1.95205E-10	0.000195205
409251.243730920.44	409251.24	3730920.44	0.000108515	0	0	0	0	0	0	6.79241E-10	0	6.79241E-10	0.000679241
408826.883730822.43	408826.88	3730822.43	1.32927E-05	0	0	0	0	0	0	8.32045E-11	0	8.32045E-11	8.32045E-05
408846.883730822.43	408846.88	3730822.43	1.417E-05	0	0	0	0	0	0	8.86956E-11	0	8.86956E-11	8.86956E-05
408886.883730822.43	408886.88	3730822.43	1.61654E-05	0	0	0	0	0	0	1.01186E-10	0	1.01186E-10	0.000101186
408926.883730822.43	408926.88	3730822.43	1.85216E-05	0	0	0	0	0	0	1.15934E-10	0	1.15934E-10	0.000115934
408966.883730822.43	408966.88	3730822.43	2.12857E-05	0	0	0	0	0	0	1.33236E-10	0	1.33236E-10	0.000133236
408986.883730822.43	408986.88	3730822.43	2.28275E-05	0	0	0	0	0	0	1.42887E-10	0	1.42887E-10	0.000142887
409006.883730822.43	409006.88	3730822.43	2.44765E-05	0	0	0	0	0	0	1.53209E-10	0	1.53209E-10	0.000153209
409026.883730822.43	409026.88	3730822.43	2.62263E-05	0	0	0	0	0	0	1.64161E-10	0	1.64161E-10	0.000164161
409046.883730822.43	409046.88	3730822.43	2.80722E-05	0	0	0	0	0	0	1.75715E-10	0	1.75715E-10	0.000175715
409066.883730822.43	409066.88	3730822.43	2.99984E-05	0	0	0	0	0	0	1.87772E-10	0	1.87772E-10	0.000187772
409086.883730822.43	409086.88	3730822.43	3.19923E-05	0	0	0	0	0	0	2.00253E-10	0	2.00253E-10	0.000200253
409106.883730822.43	409106.88	3730822.43	3.4035E-05	0	0	0	0	0	0	2.13039E-10	0	2.13039E-10	0.000213039
409126.883730822.43	409126.88	3730822.43	3.6114E-05	0	0	0	0	0	0	2.26052E-10	0	2.26052E-10	0.000226052
409175.153730824.08	409175.15	3730824.08	4.15775E-05	0	0	0	0	0	0	2.60251E-10	0	2.60251E-10	0.000260251
409226.653730820.18	409226.65	3730820.18	4.58189E-05	0	0	0	0	0	0	2.86799E-10	0	2.86799E-10	0.000286799
409275.963730820.53	409275.96	3730820.53	5.04509E-05	0	0	0	0	0	0	3.15793E-10	0	3.15793E-10	0.000315793
409321.973730821.65	409321.97	3730821.65	5.43725E-05	0	0	0	0	0	0	3.4034E-10	0	3.4034E-10	0.00034034
409412.393730834	409412.39	3730834	6.39625E-05	0	0	0	0	0	0	4.00367E-10	0	4.00367E-10	0.000400367
409432.393730834	409432.39	3730834	6.41751E-05	0	0	0	0	0	0	4.01698E-10	0	4.01698E-10	0.000401698
409472.393730834	409472.39	3730834	6.37593E-05	0	0	0	0	0	0	3.99096E-10	0	3.99096E-10	0.000399096
409492.393730834	409492.39	3730834	6.31341E-05	0	0	0	0	0	0	3.95182E-10	0	3.95182E-10	0.000395182
409512.393730834	409512.39	3730834	6.22584E-05	0	0	0	0	0	0	3.89701E-10	0	3.89701E-10	0.000389701
409552.393730834	409552.39	3730834	5.97668E-05	0	0	0	0	0	0	3.74105E-10	0	3.74105E-10	0.000374105
409572.393730834	409572.39	3730834	5.81635E-05	0	0	0	0	0	0	3.64069E-10	0	3.64069E-10	0.000364069
409592.393730834	409592.39	3730834	5.63649E-05	0	0	0	0	0	0	3.52811E-10	0	3.52811E-10	0.000352811
409612.393730834	409612.39	3730834	5.44056E-05	0	0	0	0	0	0	3.40547E-10	0	3.40547E-10	0.000340547
409652.393730834	409652.39	3730834	5.00366E-05	0	0	0	0	0	0	3.132E-10	0	3.132E-10	0.0003132
409692.393730834	409692.39	3730834	4.52488E-05	0	0	0	0	0	0	2.83231E-10	0	2.83231E-10	0.000283231
408826.883730842.43	408826.88	3730842.43	1.35731E-05	0	0	0	0	0	0	8.49593E-11	0	8.49593E-11	8.49593E-05
408846.883730842.43	408846.88	3730842.43	1.45086E-05	0	0	0	0	0	0	9.08152E-11	0	9.08152E-11	9.08152E-05
408886.883730842.43	408886.88	3730842.43	1.66568E-05	0	0	0	0	0	0	1.04262E-10	0	1.04262E-10	0.000104262
408926.883730842.43	408926.88	3730842.43	1.92351E-05	0	0	0	0	0	0	1.204E-10	0	1.204E-10	0.0001204
408966.883730842.43	408966.88	3730842.43	2.23173E-05	0	0	0	0	0	0	1.39693E-10	0	1.39693E-10	0.000139693
408986.883730842.43	408986.88	3730842.43	2.4067E-05	0	0	0	0	0	0	1.50646E-10	0	1.50646E-10	0.000150646
409006.883730842.43	409006.88	3730842.43	2.59602E-05	0	0	0	0	0	0	1.62495E-10	0	1.62495E-10	0.000162495
409026.883730842.43	409026.88	3730842.43	2.79982E-05	0	0	0	0	0	0	1.75252E-10	0	1.75252E-10	0.000175252
409046.883730842.43	409046.88	3730842.43	3.01748E-05	0	0	0	0	0	0	1.88876E-10	0	1.88876E-10	0.000188876
409066.883730842.43	409066.88	3730842.43	3.24789E-05	0	0	0	0	0	0	2.03299E-10	0	2.03299E-10	0.000203299
409086.883730842.43	409086.88	3730842.43	3.48949E-05	0	0	0	0	0	0	2.18422E-10	0	2.18422E-10	0.000218422
409106.883730842.43	409106.88	3730842.43	3.74039E-05	0	0	0	0	0	0	2.34126E-10	0	2.34126E-10	0.000234126
409126.883730842.43	409126.88	3730842.43	3.99789E-05	0	0	0	0	0	0	2.50244E-10	0	2.50244E-10	0.000250244

409175.153730844.08	409175.15	3730844.08	4.68111E-05	0	0	0	0	0	0	2.9301E-10	0	2.9301E-10	0.00029301
409226.653730840.18	409226.65	3730840.18	5.22825E-05	0	0	0	0	0	0	3.27258E-10	0	3.27258E-10	0.000327258
409275.963730840.53	409275.96	3730840.53	5.82186E-05	0	0	0	0	0	0	3.64414E-10	0	3.64414E-10	0.000364414
409321.973730841.65	409321.97	3730841.65	6.3238E-05	0	0	0	0	0	0	3.95833E-10	0	3.95833E-10	0.000395833
409412.393730854	409412.39	3730854	7.54345E-05	0	0	0	0	0	0	4.72176E-10	0	4.72176E-10	0.000472176
409432.393730854	409432.39	3730854	7.57527E-05	0	0	0	0	0	0	4.74167E-10	0	4.74167E-10	0.000474167
409472.393730854	409472.39	3730854	7.53747E-05	0	0	0	0	0	0	4.71801E-10	0	4.71801E-10	0.000471801
409492.393730854	409492.39	3730854	7.46833E-05	0	0	0	0	0	0	4.67473E-10	0	4.67473E-10	0.000467473
409512.393730854	409512.39	3730854	7.36722E-05	0	0	0	0	0	0	4.61144E-10	0	4.61144E-10	0.000461144
409552.393730854	409552.39	3730854	7.07144E-05	0	0	0	0	0	0	4.4263E-10	0	4.4263E-10	0.00044263
409572.393730854	409572.39	3730854	6.87724E-05	0	0	0	0	0	0	4.30475E-10	0	4.30475E-10	0.000430475
409592.393730854	409592.39	3730854	6.65659E-05	0	0	0	0	0	0	4.16663E-10	0	4.16663E-10	0.000416663
409612.393730854	409612.39	3730854	6.41342E-05	0	0	0	0	0	0	4.01442E-10	0	4.01442E-10	0.000401442
409652.393730854	409652.39	3730854	5.86517E-05	0	0	0	0	0	0	3.67125E-10	0	3.67125E-10	0.000367125
409692.393730854	409692.39	3730854	5.26038E-05	0	0	0	0	0	0	3.29269E-10	0	3.29269E-10	0.000329269
409732.393730854	409732.39	3730854	4.62111E-05	0	0	0	0	0	0	2.89254E-10	0	2.89254E-10	0.000289254
409752.393730854	409752.39	3730854	4.29777E-05	0	0	0	0	0	0	2.69015E-10	0	2.69015E-10	0.000269015
409772.393730854	409772.39	3730854	3.97868E-05	0	0	0	0	0	0	2.49042E-10	0	2.49042E-10	0.000249042
408826.883730862.43	408826.88	3730862.43	1.38187E-05	0	0	0	0	0	0	8.64972E-11	0	8.64972E-11	8.64972E-05
408846.883730862.43	408846.88	3730862.43	1.48094E-05	0	0	0	0	0	0	9.26981E-11	0	9.26981E-11	9.26981E-05
408886.883730862.43	408886.88	3730862.43	1.71104E-05	0	0	0	0	0	0	1.07101E-10	0	1.07101E-10	0.000107101
408926.883730862.43	408926.88	3730862.43	1.99154E-05	0	0	0	0	0	0	1.24659E-10	0	1.24659E-10	0.000124659
409226.653730860.18	409226.65	3730860.18	6.01857E-05	0	0	0	0	0	0	3.76727E-10	0	3.76727E-10	0.000376727
409275.963730860.53	409275.96	3730860.53	6.78731E-05	0	0	0	0	0	0	4.24846E-10	0	4.24846E-10	0.000424846
409321.973730861.65	409321.97	3730861.65	7.43447E-05	0	0	0	0	0	0	4.65354E-10	0	4.65354E-10	0.000465354
409432.393730874	409432.39	3730874	9.04581E-05	0	0	0	0	0	0	5.66215E-10	0	5.66215E-10	0.000566215
409472.393730874	409472.39	3730874	9.01605E-05	0	0	0	0	0	0	5.64351E-10	0	5.64351E-10	0.000564351
409492.393730874	409492.39	3730874	8.93982E-05	0	0	0	0	0	0	5.5958E-10	0	5.5958E-10	0.00055958
409512.393730874	409512.39	3730874	8.82469E-05	0	0	0	0	0	0	5.52373E-10	0	5.52373E-10	0.000552373
409552.393730874	409552.39	3730874	8.47568E-05	0	0	0	0	0	0	5.30527E-10	0	5.30527E-10	0.000530527
409572.393730874	409572.39	3730874	8.24085E-05	0	0	0	0	0	0	5.15829E-10	0	5.15829E-10	0.000515829
409592.393730874	409592.39	3730874	7.97027E-05	0	0	0	0	0	0	4.98892E-10	0	4.98892E-10	0.000498892
409612.393730874	409612.39	3730874	7.66709E-05	0	0	0	0	0	0	4.79915E-10	0	4.79915E-10	0.000479915
409652.393730874	409652.39	3730874	6.97284E-05	0	0	0	0	0	0	4.36459E-10	0	4.36459E-10	0.000436459
409692.393730874	409692.39	3730874	6.19623E-05	0	0	0	0	0	0	3.87847E-10	0	3.87847E-10	0.000387847
409732.393730874	409732.39	3730874	5.37315E-05	0	0	0	0	0	0	3.36328E-10	0	3.36328E-10	0.000336328
408826.883730882.43	408826.88	3730882.43	1.40235E-05	0	0	0	0	0	0	8.77788E-11	0	8.77788E-11	8.77788E-05
408846.883730882.43	408846.88	3730882.43	1.50661E-05	0	0	0	0	0	0	9.4305E-11	0	9.4305E-11	9.4305E-05
408886.883730882.43	408886.88	3730882.43	1.75136E-05	0	0	0	0	0	0	1.09625E-10	0	1.09625E-10	0.000109625
408926.883730882.43	408926.88	3730882.43	2.0547E-05	0	0	0	0	0	0	1.28612E-10	0	1.28612E-10	0.000128612
408966.883730882.43	408966.88	3730882.43	2.43175E-05	0	0	0	0	0	0	1.52213E-10	0	1.52213E-10	0.000152213
408986.883730882.43	408986.88	3730882.43	2.65319E-05	0	0	0	0	0	0	1.66074E-10	0	1.66074E-10	0.000166074
409006.883730882.43	409006.88	3730882.43	2.89951E-05	0	0	0	0	0	0	1.81492E-10	0	1.81492E-10	0.000181492
409026.883730882.43	409026.88	3730882.43	3.17261E-05	0	0	0	0	0	0	1.98587E-10	0	1.98587E-10	0.000198587
409046.883730882.43	409046.88	3730882.43	3.47327E-05	0	0	0	0	0	0	2.17406E-10	0	2.17406E-10	0.000217406
409066.883730882.43	409066.88	3730882.43	3.80275E-05	0	0	0	0	0	0	2.3803E-10	0	2.3803E-10	0.00023803
409086.883730882.43	409086.88	3730882.43	4.16027E-05	0	0	0	0	0	0	2.60408E-10	0	2.60408E-10	0.000260408
409106.883730882.43	409106.88	3730882.43	4.54314E-05	0	0	0	0	0	0	2.84374E-10	0	2.84374E-10	0.000284374
409126.883730882.43	409126.88	3730882.43	4.94807E-05	0	0	0	0	0	0	3.0972E-10	0	3.0972E-10	0.00030972
409175.153730884.08	409175.15	3730884.08	6.05511E-05	0	0	0	0	0	0	3.79014E-10	0	3.79014E-10	0.000379014
409226.653730880.18	409226.65	3730880.18	7.00167E-05	0	0	0	0	0	0	4.38263E-10	0	4.38263E-10	0.000438263
409275.963730880.53	409275.96	3730880.53	8.01122E-05	0	0	0	0	0	0	5.01455E-10	0	5.01455E-10	0.000501455
409321.973730881.65	409321.97	3730881.65	8.85335E-05	0	0	0	0	0	0	5.54168E-10	0	5.54168E-10	0.000554168
409432.393730894	409432.39	3730894	0.000109518	0	0	0	0	0	0	6.8552E-10	0	6.8552E-10	0.00068552
409472.393730894	409472.39	3730894	0.000109345	0	0	0	0	0	0	6.84436E-10	0	6.84436E-10	0.000684436
409492.393730894	409492.39	3730894	0.000108525	0	0	0	0	0	0	6.793E-10	0	6.793E-10	0.0006793

409512.393730894	409512.39	3730894	0.000107228	0	0	0	0	0	0	6.71186E-10	0	6.71186E-10	0.000671186
409552.393730894	409552.39	3730894	0.000103143	0	0	0	0	0	0	6.45614E-10	0	6.45614E-10	0.000645614
409572.393730894	409572.39	3730894	0.000100324	0	0	0	0	0	0	6.27967E-10	0	6.27967E-10	0.000627967
409592.393730894	409592.39	3730894	9.70068E-05	0	0	0	0	0	0	6.07206E-10	0	6.07206E-10	0.000607206
409612.393730894	409612.39	3730894	9.32159E-05	0	0	0	0	0	0	5.83477E-10	0	5.83477E-10	0.000583477
409652.393730894	409652.39	3730894	8.43331E-05	0	0	0	0	0	0	5.27875E-10	0	5.27875E-10	0.000527875
409672.393730894	409672.39	3730894	7.93735E-05	0	0	0	0	0	0	4.96831E-10	0	4.96831E-10	0.000496831
409692.393730894	409692.39	3730894	7.4184E-05	0	0	0	0	0	0	4.64348E-10	0	4.64348E-10	0.000464348
409732.393730894	409732.39	3730894	6.33514E-05	0	0	0	0	0	0	3.96542E-10	0	3.96542E-10	0.000396542
408826.883730902.43	408826.88	3730902.43	1.41826E-05	0	0	0	0	0	0	8.87745E-11	0	8.87745E-11	8.87745E-05
408846.883730902.43	408846.88	3730902.43	1.52709E-05	0	0	0	0	0	0	9.55866E-11	0	9.55866E-11	9.55866E-05
408886.883730902.43	408886.88	3730902.43	1.78538E-05	0	0	0	0	0	0	1.11754E-10	0	1.11754E-10	0.000111754
408926.883730902.43	408926.88	3730902.43	2.11045E-05	0	0	0	0	0	0	1.32102E-10	0	1.32102E-10	0.000132102
408966.883730902.43	408966.88	3730902.43	2.52309E-05	0	0	0	0	0	0	1.57931E-10	0	1.57931E-10	0.000157931
408986.883730902.43	408986.88	3730902.43	2.76989E-05	0	0	0	0	0	0	1.73379E-10	0	1.73379E-10	0.000173379
409006.883730902.43	409006.88	3730902.43	3.04835E-05	0	0	0	0	0	0	1.90808E-10	0	1.90808E-10	0.000190808
409026.883730902.43	409026.88	3730902.43	3.36192E-05	0	0	0	0	0	0	2.10436E-10	0	2.10436E-10	0.000210436
409046.883730902.43	409046.88	3730902.43	3.71345E-05	0	0	0	0	0	0	2.3244E-10	0	2.3244E-10	0.00023244
409066.883730902.43	409066.88	3730902.43	4.10625E-05	0	0	0	0	0	0	2.57027E-10	0	2.57027E-10	0.000257027
409086.883730902.43	409086.88	3730902.43	4.54141E-05	0	0	0	0	0	0	2.84266E-10	0	2.84266E-10	0.000284266
409175.153730904.08	409175.15	3730904.08	6.97206E-05	0	0	0	0	0	0	4.3641E-10	0	4.3641E-10	0.00043641
409226.653730900.18	409226.65	3730900.18	8.25156E-05	0	0	0	0	0	0	5.16499E-10	0	5.16499E-10	0.000516499
409275.963730900.53	409275.96	3730900.53	9.60209E-05	0	0	0	0	0	0	6.01034E-10	0	6.01034E-10	0.000601034
409321.973730901.65	409321.97	3730901.65	0.000107112	0	0	0	0	0	0	6.70457E-10	0	6.70457E-10	0.000670457
409412.393730914	409412.39	3730914	0.000133908	0	0	0	0	0	0	8.38187E-10	0	8.38187E-10	0.000838187
409432.393730914	409432.39	3730914	0.000134803	0	0	0	0	0	0	8.43786E-10	0	8.43786E-10	0.000843786
409472.393730914	409472.39	3730914	0.000134842	0	0	0	0	0	0	8.44033E-10	0	8.44033E-10	0.000844033
409492.393730914	409492.39	3730914	0.000133995	0	0	0	0	0	0	8.38729E-10	0	8.38729E-10	0.000838729
409512.393730914	409512.39	3730914	0.00013256	0	0	0	0	0	0	8.29748E-10	0	8.29748E-10	0.000829748
409552.393730914	409552.39	3730914	0.00012783	0	0	0	0	0	0	8.00143E-10	0	8.00143E-10	0.000800143
409572.393730914	409572.39	3730914	0.000124474	0	0	0	0	0	0	7.79135E-10	0	7.79135E-10	0.000779135
409592.393730914	409592.39	3730914	0.000120425	0	0	0	0	0	0	7.5379E-10	0	7.5379E-10	0.00075379
409612.393730914	409612.39	3730914	0.000115683	0	0	0	0	0	0	7.24106E-10	0	7.24106E-10	0.000724106
409652.393730914	409652.39	3730914	0.000104211	0	0	0	0	0	0	6.52298E-10	0	6.52298E-10	0.000652298
409692.393730914	409692.39	3730914	9.06629E-05	0	0	0	0	0	0	5.67496E-10	0	5.67496E-10	0.000567496
409732.393730914	409732.39	3730914	7.60031E-05	0	0	0	0	0	0	4.75735E-10	0	4.75735E-10	0.000475735
408826.883730922.43	408826.88	3730922.43	1.42912E-05	0	0	0	0	0	0	8.94547E-11	0	8.94547E-11	8.94547E-05
408846.883730922.43	408846.88	3730922.43	1.54189E-05	0	0	0	0	0	0	9.65133E-11	0	9.65133E-11	9.65133E-05
408886.883730922.43	408886.88	3730922.43	1.81168E-05	0	0	0	0	0	0	1.13401E-10	0	1.13401E-10	0.000113401
408926.883730922.43	408926.88	3730922.43	2.15676E-05	0	0	0	0	0	0	1.35E-10	0	1.35E-10	0.000135
408966.883730922.43	408966.88	3730922.43	2.60358E-05	0	0	0	0	0	0	1.62968E-10	0	1.62968E-10	0.000162968
408986.883730922.43	408986.88	3730922.43	2.8762E-05	0	0	0	0	0	0	1.80033E-10	0	1.80033E-10	0.000180033
409006.883730922.43	409006.88	3730922.43	3.18836E-05	0	0	0	0	0	0	1.99573E-10	0	1.99573E-10	0.000199573
409026.883730922.43	409026.88	3730922.43	3.54588E-05	0	0	0	0	0	0	2.21951E-10	0	2.21951E-10	0.000221951
409046.883730922.43	409046.88	3730922.43	3.95427E-05	0	0	0	0	0	0	2.47514E-10	0	2.47514E-10	0.000247514
409066.883730922.43	409066.88	3730922.43	4.42046E-05	0	0	0	0	0	0	2.76694E-10	0	2.76694E-10	0.000276694
409086.883730922.43	409086.88	3730922.43	4.94949E-05	0	0	0	0	0	0	3.09809E-10	0	3.09809E-10	0.000309809
409175.153730924.08	409175.15	3730924.08	8.10887E-05	0	0	0	0	0	0	5.07567E-10	0	5.07567E-10	0.000507567
409226.653730920.18	409226.65	3730920.18	9.8848E-05	0	0	0	0	0	0	6.1873E-10	0	6.1873E-10	0.00061873
409275.963730920.53	409275.96	3730920.53	0.000117355	0	0	0	0	0	0	7.34576E-10	0	7.34576E-10	0.000734576
409321.973730921.65	409321.97	3730921.65	0.000132179	0	0	0	0	0	0	8.27362E-10	0	8.27362E-10	0.000827362
409341.973730921.65	409341.97	3730921.65	0.000136572	0	0	0	0	0	0	8.54857E-10	0	8.54857E-10	0.000854857
409732.393730934	409732.39	3730934	9.32206E-05	0	0	0	0	0	0	5.83506E-10	0	5.83506E-10	0.000583506
408826.883730942.43	408826.88	3730942.43	1.43448E-05	0	0	0	0	0	0	8.97899E-11	0	8.97899E-11	8.97899E-05
408846.883730942.43	408846.88	3730942.43	1.55024E-05	0	0	0	0	0	0	9.70358E-11	0	9.70358E-11	9.70358E-05
408886.883730942.43	408886.88	3730942.43	1.82948E-05	0	0	0	0	0	0	1.14515E-10	0	1.14515E-10	0.000114515

408926.883730942.43	408926.88	3730942.43	2.19156E-05	0	0	0	0	0	0	1.37179E-10	0	1.37179E-10	0.000137179
408966.883730942.43	408966.88	3730942.43	2.66957E-05	0	0	0	0	0	0	1.67099E-10	0	1.67099E-10	0.000167099
408986.883730942.43	408986.88	3730942.43	2.96676E-05	0	0	0	0	0	0	1.85702E-10	0	1.85702E-10	0.000185702
409006.883730942.43	409006.88	3730942.43	3.31294E-05	0	0	0	0	0	0	2.0737E-10	0	2.0737E-10	0.00020737
409026.883730942.43	409026.88	3730942.43	3.71597E-05	0	0	0	0	0	0	2.32598E-10	0	2.32598E-10	0.000232598
409046.883730942.43	409046.88	3730942.43	4.18594E-05	0	0	0	0	0	0	2.62015E-10	0	2.62015E-10	0.000262015
409066.883730942.43	409066.88	3730942.43	4.73498E-05	0	0	0	0	0	0	2.96382E-10	0	2.96382E-10	0.000296382
409086.883730942.43	409086.88	3730942.43	5.37551E-05	0	0	0	0	0	0	3.36476E-10	0	3.36476E-10	0.000336476
409175.153730944.08	409175.15	3730944.08	9.54334E-05	0	0	0	0	0	0	5.97357E-10	0	5.97357E-10	0.000597357
409412.393730954	409412.39	3730954	0.000217109	0	0	0	0	0	0	1.35897E-09	0	1.35897E-09	0.001358974
409432.393730954	409432.39	3730954	0.000218747	0	0	0	0	0	0	1.36923E-09	0	1.36923E-09	0.001369227
409452.393730954	409452.39	3730954	0.000219593	0	0	0	0	0	0	1.37452E-09	0	1.37452E-09	0.001374521
409472.393730954	409472.39	3730954	0.00021964	0	0	0	0	0	0	1.37482E-09	0	1.37482E-09	0.001374817
409516.953730961.6	409516.95	3730961.6	0.00024163	0	0	0	0	0	0	1.51246E-09	0	1.51246E-09	0.001512459
409536.953730961.6	409536.95	3730961.6	0.000238914	0	0	0	0	0	0	1.49546E-09	0	1.49546E-09	0.001495463
409556.953730961.6	409556.95	3730961.6	0.000235075	0	0	0	0	0	0	1.47143E-09	0	1.47143E-09	0.001471428
409576.953730961.6	409576.95	3730961.6	0.000229967	0	0	0	0	0	0	1.43946E-09	0	1.43946E-09	0.001439458
409596.953730961.6	409596.95	3730961.6	0.000223363	0	0	0	0	0	0	1.39812E-09	0	1.39812E-09	0.001398122
409616.953730961.6	409616.95	3730961.6	0.000215046	0	0	0	0	0	0	1.34606E-09	0	1.34606E-09	0.00134606
409636.953730961.6	409636.95	3730961.6	0.000204782	0	0	0	0	0	0	1.28181E-09	0	1.28181E-09	0.001281813
409656.953730961.6	409656.95	3730961.6	0.000192399	0	0	0	0	0	0	1.20431E-09	0	1.20431E-09	0.001204306
409676.953730961.6	409676.95	3730961.6	0.000177914	0	0	0	0	0	0	1.11364E-09	0	1.11364E-09	0.001113639
409696.953730961.6	409696.95	3730961.6	0.000161579	0	0	0	0	0	0	1.01139E-09	0	1.01139E-09	0.001011388
409716.953730961.6	409716.95	3730961.6	0.000143952	0	0	0	0	0	0	9.01054E-10	0	9.01054E-10	0.000901054
409732.393730954	409732.39	3730954	0.000117749	0	0	0	0	0	0	7.3704E-10	0	7.3704E-10	0.00073704
408826.883730962.43	408826.88	3730962.43	1.43448E-05	0	0	0	0	0	0	8.97899E-11	0	8.97899E-11	8.97899E-05
408846.883730962.43	408846.88	3730962.43	1.55213E-05	0	0	0	0	0	0	9.71541E-11	0	9.71541E-11	9.71541E-05
408886.883730962.43	408886.88	3730962.43	1.83798E-05	0	0	0	0	0	0	1.15047E-10	0	1.15047E-10	0.000115047
408926.883730962.43	408926.88	3730962.43	2.21314E-05	0	0	0	0	0	0	1.3853E-10	0	1.3853E-10	0.00013853
408966.883730962.43	408966.88	3730962.43	2.71776E-05	0	0	0	0	0	0	1.70116E-10	0	1.70116E-10	0.000170116
408986.883730962.43	408986.88	3730962.43	3.03685E-05	0	0	0	0	0	0	1.90089E-10	0	1.90089E-10	0.000190089
409006.883730962.43	409006.88	3730962.43	3.41374E-05	0	0	0	0	0	0	2.1368E-10	0	2.1368E-10	0.00021368
409026.883730962.43	409026.88	3730962.43	3.86103E-05	0	0	0	0	0	0	2.41678E-10	0	2.41678E-10	0.000241678
409046.883730962.43	409046.88	3730962.43	4.39384E-05	0	0	0	0	0	0	2.75028E-10	0	2.75028E-10	0.000275028
409066.883730962.43	409066.88	3730962.43	5.03312E-05	0	0	0	0	0	0	3.15043E-10	0	3.15043E-10	0.000315043
409086.883730962.43	409086.88	3730962.43	5.80138E-05	0	0	0	0	0	0	3.63132E-10	0	3.63132E-10	0.000363132
409195.153730964.08	409195.15	3730964.08	0.000131248	0	0	0	0	0	0	8.21536E-10	0	8.21536E-10	0.000821536
409215.153730964.08	409215.15	3730964.08	0.000149513	0	0	0	0	0	0	9.35863E-10	0	9.35863E-10	0.000935863
409235.153730964.08	409235.15	3730964.08	0.000167784	0	0	0	0	0	0	1.05023E-09	0	1.05023E-09	0.00105023
409255.153730964.08	409255.15	3730964.08	0.000185036	0	0	0	0	0	0	1.15822E-09	0	1.15822E-09	0.001158219
409275.153730964.08	409275.15	3730964.08	0.000200369	0	0	0	0	0	0	1.25419E-09	0	1.25419E-09	0.00125419
409295.153730964.08	409295.15	3730964.08	0.000213323	0	0	0	0	0	0	1.33527E-09	0	1.33527E-09	0.001335275
409315.153730964.08	409315.15	3730964.08	0.000223884	0	0	0	0	0	0	1.40138E-09	0	1.40138E-09	0.001401385
409335.153730964.08	409335.15	3730964.08	0.000232303	0	0	0	0	0	0	1.45408E-09	0	1.45408E-09	0.001454078
409472.393730974	409472.39	3730974	0.00029475	0	0	0	0	0	0	1.84496E-09	0	1.84496E-09	0.001844961
408826.883730982.43	408826.88	3730982.43	1.42881E-05	0	0	0	0	0	0	8.9435E-11	0	8.9435E-11	8.9435E-05
408846.883730982.43	408846.88	3730982.43	1.5474E-05	0	0	0	0	0	0	9.68583E-11	0	9.68583E-11	9.68583E-05
408886.883730982.43	408886.88	3730982.43	1.83672E-05	0	0	0	0	0	0	1.14968E-10	0	1.14968E-10	0.000114968
408926.883730982.43	408926.88	3730982.43	2.22039E-05	0	0	0	0	0	0	1.38983E-10	0	1.38983E-10	0.000138983
408966.883730982.43	408966.88	3730982.43	2.7439E-05	0	0	0	0	0	0	1.71752E-10	0	1.71752E-10	0.000171752
408986.883730982.43	408986.88	3730982.43	3.07984E-05	0	0	0	0	0	0	1.9278E-10	0	1.9278E-10	0.00019278
409006.883730982.43	409006.88	3730982.43	3.48209E-05	0	0	0	0	0	0	2.17958E-10	0	2.17958E-10	0.000217958
409026.883730982.43	409026.88	3730982.43	3.96828E-05	0	0	0	0	0	0	2.48391E-10	0	2.48391E-10	0.000248391
409046.883730982.43	409046.88	3730982.43	4.55984E-05	0	0	0	0	0	0	2.85419E-10	0	2.85419E-10	0.000285419
409066.883730982.43	409066.88	3730982.43	5.28858E-05	0	0	0	0	0	0	3.31034E-10	0	3.31034E-10	0.000331034
409086.883730982.43	409086.88	3730982.43	6.19434E-05	0	0	0	0	0	0	3.87729E-10	0	3.87729E-10	0.000387729

409412.393730994	409412.39	3730994	0.000410861	0	0	0	0	0	0	2.57175E-09	0	2.57175E-09	0.002571749
409432.393730994	409432.39	3730994	0.000413986	0	0	0	0	0	0	2.59131E-09	0	2.59131E-09	0.002591308
409452.393730994	409452.39	3730994	0.00041594	0	0	0	0	0	0	2.60354E-09	0	2.60354E-09	0.002603542
409472.393730994	409472.39	3730994	0.000416761	0	0	0	0	0	0	2.60868E-09	0	2.60868E-09	0.002608678
408826.883731002.43	408826.88	3731002.43	1.41763E-05	0	0	0	0	0	0	8.8735E-11	0	8.8735E-11	8.8735E-05
408846.883731002.43	408846.88	3731002.43	1.53606E-05	0	0	0	0	0	0	9.61485E-11	0	9.61485E-11	9.61485E-05
408886.883731002.43	408886.88	3731002.43	1.82601E-05	0	0	0	0	0	0	1.14298E-10	0	1.14298E-10	0.000114298
408926.883731002.43	408926.88	3731002.43	2.21283E-05	0	0	0	0	0	0	1.3851E-10	0	1.3851E-10	0.00013851
408966.883731002.43	408966.88	3731002.43	2.74642E-05	0	0	0	0	0	0	1.7191E-10	0	1.7191E-10	0.00017191
408986.883731002.43	408986.88	3731002.43	3.0926E-05	0	0	0	0	0	0	1.93579E-10	0	1.93579E-10	0.000193579
409006.883731002.43	409006.88	3731002.43	3.51186E-05	0	0	0	0	0	0	2.19822E-10	0	2.19822E-10	0.000219822
409026.883731002.43	409026.88	3731002.43	4.02608E-05	0	0	0	0	0	0	2.52009E-10	0	2.52009E-10	0.000252009
409046.883731002.43	409046.88	3731002.43	4.66426E-05	0	0	0	0	0	0	2.91955E-10	0	2.91955E-10	0.000291955
409066.883731002.43	409066.88	3731002.43	5.47017E-05	0	0	0	0	0	0	3.424E-10	0	3.424E-10	0.0003424
409086.883731002.43	409086.88	3731002.43	6.50634E-05	0	0	0	0	0	0	4.07258E-10	0	4.07258E-10	0.000407258
409086.883731022.43	409086.88	3731022.43	6.68211E-05	0	0	0	0	0	0	4.1826E-10	0	4.1826E-10	0.00041826
408818.973731039.27	408818.97	3731039.27	1.3425E-05	0	0	0	0	0	0	8.40326E-11	0	8.40326E-11	8.40326E-05
408838.973731039.27	408838.97	3731039.27	1.45259E-05	0	0	0	0	0	0	9.09236E-11	0	9.09236E-11	9.09236E-05
408858.973731039.27	408858.97	3731039.27	1.57796E-05	0	0	0	0	0	0	9.87709E-11	0	9.87709E-11	9.87709E-05
408878.973731039.27	408878.97	3731039.27	1.72144E-05	0	0	0	0	0	0	1.07752E-10	0	1.07752E-10	0.000107752
408898.973731039.27	408898.97	3731039.27	1.88712E-05	0	0	0	0	0	0	1.18123E-10	0	1.18123E-10	0.000118123
408918.973731039.27	408918.97	3731039.27	2.0799E-05	0	0	0	0	0	0	1.30189E-10	0	1.30189E-10	0.000130189
408938.973731039.27	408938.97	3731039.27	2.30622E-05	0	0	0	0	0	0	1.44356E-10	0	1.44356E-10	0.000144356
408958.973731039.27	408958.97	3731039.27	2.57428E-05	0	0	0	0	0	0	1.61135E-10	0	1.61135E-10	0.000161135
408978.973731039.27	408978.97	3731039.27	2.89636E-05	0	0	0	0	0	0	1.81295E-10	0	1.81295E-10	0.000181295
408998.973731039.27	408998.97	3731039.27	3.28758E-05	0	0	0	0	0	0	2.05783E-10	0	2.05783E-10	0.000205783
409018.973731039.27	409018.97	3731039.27	3.7711E-05	0	0	0	0	0	0	2.36048E-10	0	2.36048E-10	0.000236048
409038.973731039.27	409038.97	3731039.27	4.37935E-05	0	0	0	0	0	0	2.74121E-10	0	2.74121E-10	0.000274121
409058.973731039.27	409058.97	3731039.27	5.16211E-05	0	0	0	0	0	0	3.23117E-10	0	3.23117E-10	0.000323117
409076.63731038.48	409076.6	3731038.48	6.06015E-05	0	0	0	0	0	0	3.7933E-10	0	3.7933E-10	0.00037933
408952.393731094	408952.39	3731094	2.3289E-05	0	0	0	0	0	0	1.45775E-10	0	1.45775E-10	0.000145775
408972.393731094	408972.39	3731094	2.60704E-05	0	0	0	0	0	0	1.63185E-10	0	1.63185E-10	0.000163185
409012.393731094	409012.39	3731094	3.3542E-05	0	0	0	0	0	0	2.09953E-10	0	2.09953E-10	0.000209953
409032.393731094	409032.39	3731094	3.86764E-05	0	0	0	0	0	0	2.42092E-10	0	2.42092E-10	0.000242092
409052.393731094	409052.39	3731094	4.52204E-05	0	0	0	0	0	0	2.83053E-10	0	2.83053E-10	0.000283053
409072.393731094	409072.39	3731094	5.37866E-05	0	0	0	0	0	0	3.36673E-10	0	3.36673E-10	0.000336673
409333.043731097.23	409333.04	3731097.23	0.002393492	0	0	0	0	0	0	1.49818E-08	0	1.49818E-08	0.01498185
408952.393731114	408952.39	3731114	2.26858E-05	0	0	0	0	0	0	1.42E-10	0	1.42E-10	0.000142
408972.393731114	408972.39	3731114	2.5368E-05	0	0	0	0	0	0	1.58789E-10	0	1.58789E-10	0.000158789
409012.393731114	409012.39	3731114	3.25545E-05	0	0	0	0	0	0	2.03772E-10	0	2.03772E-10	0.000203772
409032.393731114	409032.39	3731114	3.7481E-05	0	0	0	0	0	0	2.34609E-10	0	2.34609E-10	0.000234609
409052.393731114	409052.39	3731114	4.37478E-05	0	0	0	0	0	0	2.73836E-10	0	2.73836E-10	0.000273836
409072.393731114	409072.39	3731114	5.1925E-05	0	0	0	0	0	0	3.2502E-10	0	3.2502E-10	0.00032502
409112.493731137.53	409112.49	3731137.53	7.46124E-05	0	0	0	0	0	0	4.6703E-10	0	4.6703E-10	0.00046703
409172.393731114	409172.39	3731114	0.000192771	0	0	0	0	0	0	1.20663E-09	0	1.20663E-09	0.00120663
409192.393731114	409192.39	3731114	0.000289362	0	0	0	0	0	0	1.81124E-09	0	1.81124E-09	0.001811236
409212.393731114	409212.39	3731114	0.000458861	0	0	0	0	0	0	2.8722E-09	0	2.8722E-09	0.002872202
409232.393731114	409232.39	3731114	0.000797318	0	0	0	0	0	0	4.99074E-09	0	4.99074E-09	0.004990743
409252.393731114	409252.39	3731114	0.001189176	0	0	0	0	0	0	7.44354E-09	0	7.44354E-09	0.007443541
409272.393731114	409272.39	3731114	0.001411604	0	0	0	0	0	0	8.83581E-09	0	8.83581E-09	0.008835807
409292.393731114	409292.39	3731114	0.001522919	0	0	0	0	0	0	9.53258E-09	0	9.53258E-09	0.009532575
409333.043731117.23	409333.04	3731117.23	0.001528206	0	0	0	0	0	0	9.56567E-09	0	9.56567E-09	0.00956567
409472.393731114	409472.39	3731114	0.001701701	0	0	0	0	0	0	1.06516E-08	0	1.06516E-08	0.010651647
409492.393731114	409492.39	3731114	0.001705487	0	0	0	0	0	0	1.06753E-08	0	1.06753E-08	0.010675346
409532.393731114	409532.39	3731114	0.001702131	0	0	0	0	0	0	1.06543E-08	0	1.06543E-08	0.010654338
409572.393731114	409572.39	3731114	0.001684945	0	0	0	0	0	0	1.05468E-08	0	1.05468E-08	0.010546764

409592.393731114	409592.39	3731114	0.001672462	0	0	0	0	0	0	1.04686E-08	0	1.04686E-08	0.010468626
409612.393731114	409612.39	3731114	0.001658879	0	0	0	0	0	0	1.03836E-08	0	1.03836E-08	0.010383608
409632.393731114	409632.39	3731114	0.001639635	0	0	0	0	0	0	1.02631E-08	0	1.02631E-08	0.010263149
409652.393731114	409652.39	3731114	0.001612519	0	0	0	0	0	0	1.00934E-08	0	1.00934E-08	0.010093417
409672.393731114	409672.39	3731114	0.001569473	0	0	0	0	0	0	9.82398E-09	0	9.82398E-09	0.009823979
409692.393731114	409692.39	3731114	0.001491738	0	0	0	0	0	0	9.3374E-09	0	9.3374E-09	0.0093374
408952.393731134	408952.39	3731134	2.21377E-05	0	0	0	0	0	0	1.38569E-10	0	1.38569E-10	0.000138569
408972.393731134	408972.39	3731134	2.47396E-05	0	0	0	0	0	0	1.54855E-10	0	1.54855E-10	0.000154855
409012.393731134	409012.39	3731134	3.17072E-05	0	0	0	0	0	0	1.98468E-10	0	1.98468E-10	0.000198468
409032.393731134	409032.39	3731134	3.64746E-05	0	0	0	0	0	0	2.2831E-10	0	2.2831E-10	0.00022831
409052.393731134	409052.39	3731134	4.25225E-05	0	0	0	0	0	0	2.66166E-10	0	2.66166E-10	0.000266166
409072.393731134	409072.39	3731134	5.03705E-05	0	0	0	0	0	0	3.1529E-10	0	3.1529E-10	0.00031529
409333.043731137.23	409333.04	3731137.23	0.00106853	0	0	0	0	0	0	6.68837E-09	0	6.68837E-09	0.006688371
409472.393731134	409472.39	3731134	0.001222011	0	0	0	0	0	0	7.64907E-09	0	7.64907E-09	0.007649068
409492.393731134	409492.39	3731134	0.001223411	0	0	0	0	0	0	7.65783E-09	0	7.65783E-09	0.007657832
409532.393731134	409532.39	3731134	0.001221141	0	0	0	0	0	0	7.64363E-09	0	7.64363E-09	0.007643626
409552.393731134	409552.39	3731134	0.001217426	0	0	0	0	0	0	7.62037E-09	0	7.62037E-09	0.00762037
409572.393731134	409572.39	3731134	0.001210411	0	0	0	0	0	0	7.57646E-09	0	7.57646E-09	0.007576461
409612.393731134	409612.39	3731134	0.001185379	0	0	0	0	0	0	7.41977E-09	0	7.41977E-09	0.007419772
409632.393731134	409632.39	3731134	0.001168909	0	0	0	0	0	0	7.31668E-09	0	7.31668E-09	0.007316683
409652.393731134	409652.39	3731134	0.00114491	0	0	0	0	0	0	7.16646E-09	0	7.16646E-09	0.007166462
409672.393731134	409672.39	3731134	0.001110925	0	0	0	0	0	0	6.95374E-09	0	6.95374E-09	0.006953738
409692.393731134	409692.39	3731134	0.001062634	0	0	0	0	0	0	6.65146E-09	0	6.65146E-09	0.006651461
409712.393731134	409712.39	3731134	0.000992319	0	0	0	0	0	0	6.21134E-09	0	6.21134E-09	0.006211335
409732.393731134	409732.39	3731134	0.000869721	0	0	0	0	0	0	5.44394E-09	0	5.44394E-09	0.005443941
408952.393731154	408952.39	3731154	2.16794E-05	0	0	0	0	0	0	1.357E-10	0	1.357E-10	0.0001357
408972.393731154	408972.39	3731154	2.42245E-05	0	0	0	0	0	0	1.51631E-10	0	1.51631E-10	0.000151631
409012.393731154	409012.39	3731154	3.10268E-05	0	0	0	0	0	0	1.9421E-10	0	1.9421E-10	0.00019421
409032.393731154	409032.39	3731154	3.56604E-05	0	0	0	0	0	0	2.23213E-10	0	2.23213E-10	0.000223213
409052.393731154	409052.39	3731154	4.14972E-05	0	0	0	0	0	0	2.59748E-10	0	2.59748E-10	0.000259748
409072.393731154	409072.39	3731154	4.89688E-05	0	0	0	0	0	0	3.06516E-10	0	3.06516E-10	0.000306516
409092.393731154	409092.39	3731154	5.86942E-05	0	0	0	0	0	0	3.67391E-10	0	3.67391E-10	0.000367391
409112.393731154	409112.39	3731154	7.15286E-05	0	0	0	0	0	0	4.47727E-10	0	4.47727E-10	0.000447727
409172.393731154	409172.39	3731154	0.000142251	0	0	0	0	0	0	8.90407E-10	0	8.90407E-10	0.000890407
409192.393731154	409192.39	3731154	0.000183735	0	0	0	0	0	0	1.15008E-09	0	1.15008E-09	0.001150076
409212.393731154	409212.39	3731154	0.000245717	0	0	0	0	0	0	1.53804E-09	0	1.53804E-09	0.001538041
409232.393731154	409232.39	3731154	0.000348571	0	0	0	0	0	0	2.18185E-09	0	2.18185E-09	0.002181851
409252.393731154	409252.39	3731154	0.000489047	0	0	0	0	0	0	3.06115E-09	0	3.06115E-09	0.003061147
409272.393731154	409272.39	3731154	0.000622363	0	0	0	0	0	0	3.89563E-09	0	3.89563E-09	0.003895627
409292.393731154	409292.39	3731154	0.000718831	0	0	0	0	0	0	4.49946E-09	0	4.49946E-09	0.004499461
409333.043731157.23	409333.04	3731157.23	0.000788166	0	0	0	0	0	0	4.93346E-09	0	4.93346E-09	0.004933456
409432.393731154	409432.39	3731154	0.000913031	0	0	0	0	0	0	5.71504E-09	0	5.71504E-09	0.005715036
409452.393731154	409452.39	3731154	0.000922024	0	0	0	0	0	0	5.77133E-09	0	5.77133E-09	0.005771327
409472.393731154	409472.39	3731154	0.000926774	0	0	0	0	0	0	5.80106E-09	0	5.80106E-09	0.00580106
409492.393731154	409492.39	3731154	0.000929428	0	0	0	0	0	0	5.81767E-09	0	5.81767E-09	0.005817671
409532.393731154	409532.39	3731154	0.000929527	0	0	0	0	0	0	5.81829E-09	0	5.81829E-09	0.005818292
409552.393731154	409552.39	3731154	0.000926973	0	0	0	0	0	0	5.8023E-09	0	5.8023E-09	0.005802302
409612.393731154	409612.39	3731154	0.000903888	0	0	0	0	0	0	5.65781E-09	0	5.65781E-09	0.005657808
409632.393731154	409632.39	3731154	0.000890241	0	0	0	0	0	0	5.57239E-09	0	5.57239E-09	0.005572386
409652.393731154	409652.39	3731154	0.000871499	0	0	0	0	0	0	5.45507E-09	0	5.45507E-09	0.005455071
409672.393731154	409672.39	3731154	0.000846013	0	0	0	0	0	0	5.29554E-09	0	5.29554E-09	0.005295543
409712.393731154	409712.39	3731154	0.000765158	0	0	0	0	0	0	4.78944E-09	0	4.78944E-09	0.004789435
409732.393731154	409732.39	3731154	0.000689759	0	0	0	0	0	0	4.31749E-09	0	4.31749E-09	0.004317486
408952.393731174	408952.39	3731174	2.13156E-05	0	0	0	0	0	0	1.33423E-10	0	1.33423E-10	0.000133423
408972.393731174	408972.39	3731174	2.38182E-05	0	0	0	0	0	0	1.49088E-10	0	1.49088E-10	0.000149088
409172.393731174	409172.39	3731174	0.000121617	0	0	0	0	0	0	7.61252E-10	0	7.61252E-10	0.000761252

409292.393731174	409292.39	3731174	0.0005269	0	0	0	0	0	0	3.29808E-09	0	3.29808E-09	0.003298083
409333.043731177.23	409333.04	3731177.23	0.000602722	0	0	0	0	0	0	3.77268E-09	0	3.77268E-09	0.003772684
409432.393731174	409432.39	3731174	0.000717384	0	0	0	0	0	0	4.4904E-09	0	4.4904E-09	0.004490402
409452.393731174	409452.39	3731174	0.000725265	0	0	0	0	0	0	4.53973E-09	0	4.53973E-09	0.004539733
409472.393731174	409472.39	3731174	0.000731117	0	0	0	0	0	0	4.57669E-09	0	4.57669E-09	0.004576692
409492.393731174	409492.39	3731174	0.000734587	0	0	0	0	0	0	4.59808E-09	0	4.59808E-09	0.004598084
409532.393731174	409532.39	3731174	0.000736471	0	0	0	0	0	0	4.60988E-09	0	4.60988E-09	0.004609875
409552.393731174	409552.39	3731174	0.000734827	0	0	0	0	0	0	4.59958E-09	0	4.59958E-09	0.004599583
409572.393731174	409572.39	3731174	0.000731209	0	0	0	0	0	0	4.57694E-09	0	4.57694E-09	0.004576938
409612.393731174	409612.39	3731174	0.000717538	0	0	0	0	0	0	4.49137E-09	0	4.49137E-09	0.004491368
409632.393731174	409632.39	3731174	0.000706643	0	0	0	0	0	0	4.42317E-09	0	4.42317E-09	0.004423168
409652.393731174	409652.39	3731174	0.000692281	0	0	0	0	0	0	4.33327E-09	0	4.33327E-09	0.004333269
409672.393731174	409672.39	3731174	0.000673635	0	0	0	0	0	0	4.21656E-09	0	4.21656E-09	0.004216556
409692.393731174	409692.39	3731174	0.000649298	0	0	0	0	0	0	4.06422E-09	0	4.06422E-09	0.004064225
409712.393731174	409712.39	3731174	0.000616668	0	0	0	0	0	0	3.85998E-09	0	3.85998E-09	0.00385998
409732.393731174	409732.39	3731174	0.000566362	0	0	0	0	0	0	3.54509E-09	0	3.54509E-09	0.003545094
408952.393731194	408952.39	3731194	2.10289E-05	0	0	0	0	0	0	1.31629E-10	0	1.31629E-10	0.000131629
408972.393731194	408972.39	3731194	2.34859E-05	0	0	0	0	0	0	1.47008E-10	0	1.47008E-10	0.000147008
409012.393731194	409012.39	3731194	2.99291E-05	0	0	0	0	0	0	1.87338E-10	0	1.87338E-10	0.000187338
409032.393731194	409032.39	3731194	3.41846E-05	0	0	0	0	0	0	2.13976E-10	0	2.13976E-10	0.000213976
409052.393731194	409052.39	3731194	3.93537E-05	0	0	0	0	0	0	2.46331E-10	0	2.46331E-10	0.000246331
409072.393731194	409072.39	3731194	4.56519E-05	0	0	0	0	0	0	2.85754E-10	0	2.85754E-10	0.000285754
409112.393731194	409112.39	3731194	6.26442E-05	0	0	0	0	0	0	3.92116E-10	0	3.92116E-10	0.000392116
409132.393731194	409132.39	3731194	7.40612E-05	0	0	0	0	0	0	4.63579E-10	0	4.63579E-10	0.000463579
409172.393731194	409172.39	3731194	0.000104786	0	0	0	0	0	0	6.55896E-10	0	6.55896E-10	0.000655896
409192.393731194	409192.39	3731194	0.000126328	0	0	0	0	0	0	7.90739E-10	0	7.90739E-10	0.000790739
409212.393731194	409212.39	3731194	0.000156602	0	0	0	0	0	0	9.80236E-10	0	9.80236E-10	0.000980236
409232.393731194	409232.39	3731194	0.000201855	0	0	0	0	0	0	1.2635E-09	0	1.2635E-09	0.001263496
409252.393731194	409252.39	3731194	0.000263797	0	0	0	0	0	0	1.65122E-09	0	1.65122E-09	0.001651215
409272.393731194	409272.39	3731194	0.000333689	0	0	0	0	0	0	2.0887E-09	0	2.0887E-09	0.002088699
409292.393731194	409292.39	3731194	0.000398397	0	0	0	0	0	0	2.49373E-09	0	2.49373E-09	0.00249373
409333.043731197.23	409333.04	3731197.23	0.00047177	0	0	0	0	0	0	2.953E-09	0	2.953E-09	0.002953001
409532.393731194	409532.39	3731194	0.000600263	0	0	0	0	0	0	3.75729E-09	0	3.75729E-09	0.003757295
409552.393731194	409552.39	3731194	0.000599405	0	0	0	0	0	0	3.75192E-09	0	3.75192E-09	0.003751922
409572.393731194	409572.39	3731194	0.000596904	0	0	0	0	0	0	3.73627E-09	0	3.73627E-09	0.003736267
409612.393731194	409612.39	3731194	0.000586388	0	0	0	0	0	0	3.67044E-09	0	3.67044E-09	0.003670443
409632.393731194	409632.39	3731194	0.000577998	0	0	0	0	0	0	3.61793E-09	0	3.61793E-09	0.003617927
409652.393731194	409652.39	3731194	0.00056714	0	0	0	0	0	0	3.54996E-09	0	3.54996E-09	0.003549964
409672.393731194	409672.39	3731194	0.000553416	0	0	0	0	0	0	3.46406E-09	0	3.46406E-09	0.003464058
409692.393731194	409692.39	3731194	0.000535923	0	0	0	0	0	0	3.35456E-09	0	3.35456E-09	0.003354561
409712.393731194	409712.39	3731194	0.000512187	0	0	0	0	0	0	3.20599E-09	0	3.20599E-09	0.003205986
409732.393731194	409732.39	3731194	0.00047698	0	0	0	0	0	0	2.98561E-09	0	2.98561E-09	0.002985613
408952.393731214	408952.39	3731214	2.07832E-05	0	0	0	0	0	0	1.30091E-10	0	1.30091E-10	0.000130091
408972.393731214	408972.39	3731214	2.3174E-05	0	0	0	0	0	0	1.45056E-10	0	1.45056E-10	0.000145056
409012.393731214	409012.39	3731214	2.93306E-05	0	0	0	0	0	0	1.83592E-10	0	1.83592E-10	0.000183592
409032.393731214	409032.39	3731214	3.32869E-05	0	0	0	0	0	0	2.08356E-10	0	2.08356E-10	0.000208356
409052.393731214	409052.39	3731214	3.7985E-05	0	0	0	0	0	0	2.37764E-10	0	2.37764E-10	0.000237764
409072.393731214	409072.39	3731214	4.35572E-05	0	0	0	0	0	0	2.72643E-10	0	2.72643E-10	0.000272643
409112.393731214	409112.39	3731214	5.79178E-05	0	0	0	0	0	0	3.62531E-10	0	3.62531E-10	0.000362531
409132.393731214	409132.39	3731214	6.7166E-05	0	0	0	0	0	0	4.20419E-10	0	4.20419E-10	0.000420419
409333.043731217.23	409333.04	3731217.23	0.000376877	0	0	0	0	0	0	2.35903E-09	0	2.35903E-09	0.002359025
409432.393731214	409432.39	3731214	0.00047697	0	0	0	0	0	0	2.98555E-09	0	2.98555E-09	0.002985553
409452.393731214	409452.39	3731214	0.000484982	0	0	0	0	0	0	3.0357E-09	0	3.0357E-09	0.003035703
409472.393731214	409472.39	3731214	0.000491066	0	0	0	0	0	0	3.07379E-09	0	3.07379E-09	0.003073786
409492.393731214	409492.39	3731214	0.000495478	0	0	0	0	0	0	3.1014E-09	0	3.1014E-09	0.003101399
409532.393731214	409532.39	3731214	0.000499562	0	0	0	0	0	0	3.12696E-09	0	3.12696E-09	0.003126962

409552.393731214	409552.39	3731214	0.000499425	0	0	0	0	0	0	3.1261E-09	0	3.1261E-09	0.003126104
409572.393731214	409572.39	3731214	0.000497886	0	0	0	0	0	0	3.11647E-09	0	3.11647E-09	0.003116472
409612.393731214	409612.39	3731214	0.000490181	0	0	0	0	0	0	3.06825E-09	0	3.06825E-09	0.003068245
409632.393731214	409632.39	3731214	0.000483902	0	0	0	0	0	0	3.02894E-09	0	3.02894E-09	0.00302894
409652.393731214	409652.39	3731214	0.000475784	0	0	0	0	0	0	2.97813E-09	0	2.97813E-09	0.00297813
409672.393731214	409672.39	3731214	0.00046555	0	0	0	0	0	0	2.91407E-09	0	2.91407E-09	0.00291407
409692.393731214	409692.39	3731214	0.000452516	0	0	0	0	0	0	2.83248E-09	0	2.83248E-09	0.002832483
409712.393731214	409712.39	3731214	0.00043489	0	0	0	0	0	0	2.72216E-09	0	2.72216E-09	0.002722158
409732.393731214	409732.39	3731214	0.000409389	0	0	0	0	0	0	2.56253E-09	0	2.56253E-09	0.002562531
408952.393731234	408952.39	3731234	2.05344E-05	0	0	0	0	0	0	1.28533E-10	0	1.28533E-10	0.000128533
408972.393731234	408972.39	3731234	2.28323E-05	0	0	0	0	0	0	1.42917E-10	0	1.42917E-10	0.000142917
409012.393731234	409012.39	3731234	2.86061E-05	0	0	0	0	0	0	1.79057E-10	0	1.79057E-10	0.000179057
409032.393731234	409032.39	3731234	3.22159E-05	0	0	0	0	0	0	2.01653E-10	0	2.01653E-10	0.000201653
409052.393731234	409052.39	3731234	3.64053E-05	0	0	0	0	0	0	2.27876E-10	0	2.27876E-10	0.000227876
409072.393731234	409072.39	3731234	4.12609E-05	0	0	0	0	0	0	2.58269E-10	0	2.58269E-10	0.000258269
409092.393731234	409092.39	3731234	4.68773E-05	0	0	0	0	0	0	2.93424E-10	0	2.93424E-10	0.000293424
409112.393731234	409112.39	3731234	5.33614E-05	0	0	0	0	0	0	3.34011E-10	0	3.34011E-10	0.000334011
409132.393731234	409132.39	3731234	6.08929E-05	0	0	0	0	0	0	3.81154E-10	0	3.81154E-10	0.000381154
409172.393731234	409172.39	3731234	7.99673E-05	0	0	0	0	0	0	5.00548E-10	0	5.00548E-10	0.000500548
409192.393731234	409192.39	3731234	9.28237E-05	0	0	0	0	0	0	5.81022E-10	0	5.81022E-10	0.000581022
409212.393731234	409212.39	3731234	0.000110095	0	0	0	0	0	0	6.89129E-10	0	6.89129E-10	0.000689129
409232.393731234	409232.39	3731234	0.000134252	0	0	0	0	0	0	8.40336E-10	0	8.40336E-10	0.000840336
409252.393731234	409252.39	3731234	0.000166578	0	0	0	0	0	0	1.04268E-09	0	1.04268E-09	0.001042679
409272.393731234	409272.39	3731234	0.000205281	0	0	0	0	0	0	1.28494E-09	0	1.28494E-09	0.001284938
409292.393731234	409292.39	3731234	0.000245794	0	0	0	0	0	0	1.53852E-09	0	1.53852E-09	0.001538524
409312.393731234	409312.39	3731234	0.000283319	0	0	0	0	0	0	1.77341E-09	0	1.77341E-09	0.00177341
409332.393731234	409332.39	3731234	0.000315032	0	0	0	0	0	0	1.97192E-09	0	1.97192E-09	0.001971917
409432.393731234	409432.39	3731234	0.000398838	0	0	0	0	0	0	2.49649E-09	0	2.49649E-09	0.00249649
409452.393731234	409452.39	3731234	0.000406653	0	0	0	0	0	0	2.54541E-09	0	2.54541E-09	0.002545407
409472.393731234	409472.39	3731234	0.00041283	0	0	0	0	0	0	2.58407E-09	0	2.58407E-09	0.002584072
409492.393731234	409492.39	3731234	0.00041749	0	0	0	0	0	0	2.61324E-09	0	2.61324E-09	0.002613243
409532.393731234	409532.39	3731234	0.000422453	0	0	0	0	0	0	2.64431E-09	0	2.64431E-09	0.002644306
409552.393731234	409552.39	3731234	0.00042299	0	0	0	0	0	0	2.64767E-09	0	2.64767E-09	0.002647668
409572.393731234	409572.39	3731234	0.000422886	0	0	0	0	0	0	2.64326E-09	0	2.64326E-09	0.002643261
408952.393731254	408952.39	3731254	2.02462E-05	0	0	0	0	0	0	1.26729E-10	0	1.26729E-10	0.000126729
408972.393731254	408972.39	3731254	2.24196E-05	0	0	0	0	0	0	1.40334E-10	0	1.40334E-10	0.000140334
409072.393731254	409072.39	3731254	3.88796E-05	0	0	0	0	0	0	2.43363E-10	0	2.43363E-10	0.000243363
409092.393731254	409092.39	3731254	4.36549E-05	0	0	0	0	0	0	2.73254E-10	0	2.73254E-10	0.000273254
409112.393731254	409112.39	3731254	4.90759E-05	0	0	0	0	0	0	3.07186E-10	0	3.07186E-10	0.000307186
409132.393731254	409132.39	3731254	5.52892E-05	0	0	0	0	0	0	3.46078E-10	0	3.46078E-10	0.000346078
409172.393731254	409172.39	3731254	7.0738E-05	0	0	0	0	0	0	4.42778E-10	0	4.42778E-10	0.000442778
409192.393731254	409192.39	3731254	8.10225E-05	0	0	0	0	0	0	5.07153E-10	0	5.07153E-10	0.000507153
409212.393731254	409212.39	3731254	9.45782E-05	0	0	0	0	0	0	5.92004E-10	0	5.92004E-10	0.000592004
409232.393731254	409232.39	3731254	0.000113067	0	0	0	0	0	0	7.07731E-10	0	7.07731E-10	0.000707731
409252.393731254	409252.39	3731254	0.000137502	0	0	0	0	0	0	8.60684E-10	0	8.60684E-10	0.000860684
409272.393731254	409272.39	3731254	0.000167112	0	0	0	0	0	0	1.04602E-09	0	1.04602E-09	0.001046021
409292.393731254	409292.39	3731254	0.000199236	0	0	0	0	0	0	1.2471E-09	0	1.2471E-09	0.001247102
409312.393731254	409312.39	3731254	0.000230502	0	0	0	0	0	0	1.44281E-09	0	1.44281E-09	0.00144281
409332.393731254	409332.39	3731254	0.000258394	0	0	0	0	0	0	1.61739E-09	0	1.61739E-09	0.001617391
409432.393731254	409432.39	3731254	0.000337419	0	0	0	0	0	0	2.11204E-09	0	2.11204E-09	0.002112044
409452.393731254	409452.39	3731254	0.000345215	0	0	0	0	0	0	2.16084E-09	0	2.16084E-09	0.002160843
409472.393731254	409472.39	3731254	0.000351389	0	0	0	0	0	0	2.19949E-09	0	2.19949E-09	0.002199488
409492.393731254	409492.39	3731254	0.00035618	0	0	0	0	0	0	2.22948E-09	0	2.22948E-09	0.002229477
409532.393731254	409532.39	3731254	0.000361831	0	0	0	0	0	0	2.26485E-09	0	2.26485E-09	0.002264849
409552.393731254	409552.39	3731254	0.000362938	0	0	0	0	0	0	2.27178E-09	0	2.27178E-09	0.002271779
409572.393731254	409572.39	3731254	0.000362962	0	0	0	0	0	0	2.27193E-09	0	2.27193E-09	0.002271927

409612.393731254	409612.39	3731254	0.000359776	0	0	0	0	0	0	2.25198E-09	0	2.25198E-09	0.002251983
409632.393731254	409632.39	3731254	0.000356501	0	0	0	0	0	0	2.23149E-09	0	2.23149E-09	0.002231488
409652.393731254	409652.39	3731254	0.000352069	0	0	0	0	0	0	2.20375E-09	0	2.20375E-09	0.002203746
409672.393731254	409672.39	3731254	0.000346305	0	0	0	0	0	0	2.16766E-09	0	2.16766E-09	0.002167665
409692.393731254	409692.39	3731254	0.000338769	0	0	0	0	0	0	2.12049E-09	0	2.12049E-09	0.002120493
409712.393731254	409712.39	3731254	0.000328516	0	0	0	0	0	0	2.05631E-09	0	2.05631E-09	0.002056315
409732.393731254	409732.39	3731254	0.000314076	0	0	0	0	0	0	1.96593E-09	0	1.96593E-09	0.001965933
409412.393731274	409412.39	3731274	0.000279002	0	0	0	0	0	0	1.74639E-09	0	1.74639E-09	0.001746388
409532.393731274	409532.39	3731274	0.000313147	0	0	0	0	0	0	1.96012E-09	0	1.96012E-09	0.001960117
409552.393731274	409552.39	3731274	0.000314717	0	0	0	0	0	0	1.96995E-09	0	1.96995E-09	0.001969946
409572.393731274	409572.39	3731274	0.000315336	0	0	0	0	0	0	1.97382E-09	0	1.97382E-09	0.00197382
409612.393731274	409612.39	3731274	0.000313754	0	0	0	0	0	0	1.96391E-09	0	1.96391E-09	0.001963912
409632.393731274	409632.39	3731274	0.000311553	0	0	0	0	0	0	1.95014E-09	0	1.95014E-09	0.00195014
409652.393731274	409652.39	3731274	0.000308367	0	0	0	0	0	0	1.9302E-09	0	1.9302E-09	0.001930197
409672.393731274	409672.39	3731274	0.000304058	0	0	0	0	0	0	1.90322E-09	0	1.90322E-09	0.001903224
409692.393731274	409692.39	3731274	0.000298281	0	0	0	0	0	0	1.86706E-09	0	1.86706E-09	0.001867064
409712.393731274	409712.39	3731274	0.000290337	0	0	0	0	0	0	1.81734E-09	0	1.81734E-09	0.001817338
409732.393731274	409732.39	3731274	0.000279194	0	0	0	0	0	0	1.74759E-09	0	1.74759E-09	0.001747591
409412.393731294	409412.39	3731294	0.000239329	0	0	0	0	0	0	1.49806E-09	0	1.49806E-09	0.001498056
409432.393731294	409432.39	3731294	0.000248441	0	0	0	0	0	0	1.5551E-09	0	1.5551E-09	0.001555096
409452.393731294	409452.39	3731294	0.000255886	0	0	0	0	0	0	1.6017E-09	0	1.6017E-09	0.001601697
409472.393731294	409472.39	3731294	0.00026191	0	0	0	0	0	0	1.6394E-09	0	1.6394E-09	0.001639405
409492.393731294	409492.39	3731294	0.00026676	0	0	0	0	0	0	1.66976E-09	0	1.66976E-09	0.001669759
409532.393731294	409532.39	3731294	0.000273365	0	0	0	0	0	0	1.7111E-09	0	1.7111E-09	0.001711105
409552.393731294	409552.39	3731294	0.000275296	0	0	0	0	0	0	1.72319E-09	0	1.72319E-09	0.001723191
409572.393731294	409572.39	3731294	0.000276388	0	0	0	0	0	0	1.73002E-09	0	1.73002E-09	0.001730023
409612.393731294	409612.39	3731294	0.000276096	0	0	0	0	0	0	1.7282E-09	0	1.7282E-09	0.001728199
409632.393731294	409632.39	3731294	0.000274729	0	0	0	0	0	0	1.71964E-09	0	1.71964E-09	0.001719642
409652.393731294	409652.39	3731294	0.000272512	0	0	0	0	0	0	1.70576E-09	0	1.70576E-09	0.001705762
409672.393731294	409672.39	3731294	0.000269335	0	0	0	0	0	0	1.68588E-09	0	1.68588E-09	0.001685877
409692.393731294	409692.39	3731294	0.000264915	0	0	0	0	0	0	1.65821E-09	0	1.65821E-09	0.001658215
409712.393731294	409712.39	3731294	0.000258737	0	0	0	0	0	0	1.61954E-09	0	1.61954E-09	0.00161954
409732.393731294	409732.39	3731294	0.000250051	0	0	0	0	0	0	1.56517E-09	0	1.56517E-09	0.001565172
408832.393731314	408832.39	3731314	1.16768E-05	0	0	0	0	0	0	7.30898E-11	0	7.30898E-11	7.30898E-05
408852.393731314	408852.39	3731314	1.26013E-05	0	0	0	0	0	0	7.88767E-11	0	7.88767E-11	7.88767E-05
408872.393731314	408872.39	3731314	1.36266E-05	0	0	0	0	0	0	8.52945E-11	0	8.52945E-11	8.52945E-05
408892.393731314	408892.39	3731314	1.47653E-05	0	0	0	0	0	0	9.24221E-11	0	9.24221E-11	9.24221E-05
408912.393731314	408912.39	3731314	1.60284E-05	0	0	0	0	0	0	1.00328E-10	0	1.00328E-10	0.000100328
408932.393731314	408932.39	3731314	1.74238E-05	0	0	0	0	0	0	1.09063E-10	0	1.09063E-10	0.000109063
408952.393731314	408952.39	3731314	1.89626E-05	0	0	0	0	0	0	1.18695E-10	0	1.18695E-10	0.000118695
408972.393731314	408972.39	3731314	2.06588E-05	0	0	0	0	0	0	1.29312E-10	0	1.29312E-10	0.000129312
408992.393731314	408992.39	3731314	2.2522E-05	0	0	0	0	0	0	1.40974E-10	0	1.40974E-10	0.000140974
409012.393731314	409012.39	3731314	2.4571E-05	0	0	0	0	0	0	1.538E-10	0	1.538E-10	0.0001538
409032.393731314	409032.39	3731314	2.68201E-05	0	0	0	0	0	0	1.67878E-10	0	1.67878E-10	0.000167878
409052.393731314	409052.39	3731314	2.92944E-05	0	0	0	0	0	0	1.83365E-10	0	1.83365E-10	0.000183365
409072.393731314	409072.39	3731314	3.20206E-05	0	0	0	0	0	0	2.0043E-10	0	2.0043E-10	0.00020043
409092.393731314	409092.39	3731314	3.50257E-05	0	0	0	0	0	0	2.1924E-10	0	2.1924E-10	0.00021924
409112.393731314	409112.39	3731314	3.83457E-05	0	0	0	0	0	0	2.40021E-10	0	2.40021E-10	0.000240021
409132.393731314	409132.39	3731314	4.20279E-05	0	0	0	0	0	0	2.6307E-10	0	2.6307E-10	0.00026307
409172.393731314	409172.39	3731314	5.09391E-05	0	0	0	0	0	0	3.18849E-10	0	3.18849E-10	0.000318849
409192.393731314	409192.39	3731314	5.66956E-05	0	0	0	0	0	0	3.54881E-10	0	3.54881E-10	0.000354881
409212.393731314	409212.39	3731314	6.39515E-05	0	0	0	0	0	0	4.00298E-10	0	4.00298E-10	0.000400298
409232.393731314	409232.39	3731314	7.33162E-05	0	0	0	0	0	0	4.58916E-10	0	4.58916E-10	0.000458916
409252.393731314	409252.39	3731314	8.52702E-05	0	0	0	0	0	0	5.33741E-10	0	5.33741E-10	0.000533741
409272.393731314	409272.39	3731314	9.98811E-05	0	0	0	0	0	0	6.25197E-10	0	6.25197E-10	0.000625197
409292.393731314	409292.39	3731314	0.000116629	0	0	0	0	0	0	7.30031E-10	0	7.30031E-10	0.000730031

409312.393731314	409312.39	3731314	0.000134488	0	0	0	0	0	0	8.41815E-10	0	8.41815E-10	0.000841815
409332.393731314	409332.39	3731314	0.00015223	0	0	0	0	0	0	9.52869E-10	0	9.52869E-10	0.000952869
409432.393731314	409432.39	3731314	0.000215498	0	0	0	0	0	0	1.34889E-09	0	1.34889E-09	0.001348889
409452.393731314	409452.39	3731314	0.000222787	0	0	0	0	0	0	1.39451E-09	0	1.39451E-09	0.001394514
409472.393731314	409472.39	3731314	0.000228672	0	0	0	0	0	0	1.43135E-09	0	1.43135E-09	0.001431354
409492.393731314	409492.39	3731314	0.000233512	0	0	0	0	0	0	1.46165E-09	0	1.46165E-09	0.001461649
409532.393731314	409532.39	3731314	0.00024039	0	0	0	0	0	0	1.5047E-09	0	1.5047E-09	0.0015047
409552.393731314	409552.39	3731314	0.000242593	0	0	0	0	0	0	1.51849E-09	0	1.51849E-09	0.001518492
409572.393731314	409572.39	3731314	0.000244046	0	0	0	0	0	0	1.52758E-09	0	1.52758E-09	0.001527582
409732.393731314	409732.39	3731314	0.000225333	0	0	0	0	0	0	1.41045E-09	0	1.41045E-09	0.001410455
408852.393731334	408852.39	3731334	1.24753E-05	0	0	0	0	0	0	7.8088E-11	0	7.8088E-11	7.8088E-05
408872.393731334	408872.39	3731334	1.34518E-05	0	0	0	0	0	0	8.42002E-11	0	8.42002E-11	8.42002E-05
409332.393731334	409332.39	3731334	0.000130035	0	0	0	0	0	0	8.13945E-10	0	8.13945E-10	0.000813945
409412.393731334	409412.39	3731334	0.000179607	0	0	0	0	0	0	1.12424E-09	0	1.12424E-09	0.001124237
409432.393731334	409432.39	3731334	0.00018804	0	0	0	0	0	0	1.17702E-09	0	1.17702E-09	0.001177019
409452.393731334	409452.39	3731334	0.000195041	0	0	0	0	0	0	1.22084E-09	0	1.22084E-09	0.001220839
409472.393731334	409472.39	3731334	0.000200874	0	0	0	0	0	0	1.25735E-09	0	1.25735E-09	0.001257354
409492.393731334	409492.39	3731334	0.000205686	0	0	0	0	0	0	1.28747E-09	0	1.28747E-09	0.001287472
409532.393731334	409532.39	3731334	0.000212727	0	0	0	0	0	0	1.33155E-09	0	1.33155E-09	0.001331548
409552.393731334	409552.39	3731334	0.000215142	0	0	0	0	0	0	1.34666E-09	0	1.34666E-09	0.001346661
409572.393731334	409572.39	3731334	0.000216848	0	0	0	0	0	0	1.35734E-09	0	1.35734E-09	0.001357338
409612.393731334	409612.39	3731334	0.000218347	0	0	0	0	0	0	1.36672E-09	0	1.36672E-09	0.001366723
409632.393731334	409632.39	3731334	0.000218148	0	0	0	0	0	0	1.36548E-09	0	1.36548E-09	0.001365481
409652.393731334	409652.39	3731334	0.000217296	0	0	0	0	0	0	1.36015E-09	0	1.36015E-09	0.001360147
409672.393731334	409672.39	3731334	0.000215706	0	0	0	0	0	0	1.35019E-09	0	1.35019E-09	0.00135019
409692.393731334	409692.39	3731334	0.000213197	0	0	0	0	0	0	1.33449E-09	0	1.33449E-09	0.001334486
409712.393731334	409712.39	3731334	0.00020947	0	0	0	0	0	0	1.31116E-09	0	1.31116E-09	0.001311161
409732.393731334	409732.39	3731334	0.000204117	0	0	0	0	0	0	1.27765E-09	0	1.27765E-09	0.001277653
408852.393731354	408852.39	3731354	1.23162E-05	0	0	0	0	0	0	7.70923E-11	0	7.70923E-11	7.70923E-05
408872.393731354	408872.39	3731354	1.32376E-05	0	0	0	0	0	0	8.28595E-11	0	8.28595E-11	8.28595E-05
408892.393731354	408892.39	3731354	1.42424E-05	0	0	0	0	0	0	8.91491E-11	0	8.91491E-11	8.91491E-05
408932.393731354	408932.39	3731354	1.65119E-05	0	0	0	0	0	0	1.03355E-10	0	1.03355E-10	0.000103355
408952.393731354	408952.39	3731354	1.7794E-05	0	0	0	0	0	0	1.1138E-10	0	1.1138E-10	0.00011138
408972.393731354	408972.39	3731354	1.91784E-05	0	0	0	0	0	0	1.20045E-10	0	1.20045E-10	0.000120045
408992.393731354	408992.39	3731354	2.06761E-05	0	0	0	0	0	0	1.2942E-10	0	1.2942E-10	0.00012942
409012.393731354	409012.39	3731354	2.22968E-05	0	0	0	0	0	0	1.39565E-10	0	1.39565E-10	0.000139565
409032.393731354	409032.39	3731354	2.40544E-05	0	0	0	0	0	0	1.50567E-10	0	1.50567E-10	0.000150567
409072.393731354	409072.39	3731354	2.80438E-05	0	0	0	0	0	0	1.75538E-10	0	1.75538E-10	0.000175538
409092.393731354	409092.39	3731354	3.03055E-05	0	0	0	0	0	0	1.89694E-10	0	1.89694E-10	0.000189694
409112.393731354	409112.39	3731354	3.2764E-05	0	0	0	0	0	0	2.05083E-10	0	2.05083E-10	0.000205083
409172.393731354	409172.39	3731354	4.19571E-05	0	0	0	0	0	0	2.62627E-10	0	2.62627E-10	0.000262627
409192.393731354	409192.39	3731354	4.6074E-05	0	0	0	0	0	0	2.88396E-10	0	2.88396E-10	0.000288396
409212.393731354	409212.39	3731354	5.11517E-05	0	0	0	0	0	0	3.2018E-10	0	3.2018E-10	0.00032018
409232.393731354	409232.39	3731354	5.75366E-05	0	0	0	0	0	0	3.60145E-10	0	3.60145E-10	0.000360145
409252.393731354	409252.39	3731354	6.55343E-05	0	0	0	0	0	0	4.10206E-10	0	4.10206E-10	0.000410206
409272.393731354	409272.39	3731354	7.52707E-05	0	0	0	0	0	0	4.7115E-10	0	4.7115E-10	0.00047115
409292.393731354	409292.39	3731354	8.65963E-05	0	0	0	0	0	0	5.42042E-10	0	5.42042E-10	0.000542042
409332.393731354	409332.39	3731354	0.000111989	0	0	0	0	0	0	7.00988E-10	0	7.00988E-10	0.000700988
409412.393731354	409412.39	3731354	0.000156846	0	0	0	0	0	0	9.81764E-10	0	9.81764E-10	0.000981764
409532.393731354	409532.39	3731354	0.000189281	0	0	0	0	0	0	1.18479E-09	0	1.18479E-09	0.001184787
409552.393731354	409552.39	3731354	0.000191835	0	0	0	0	0	0	1.20078E-09	0	1.20078E-09	0.001200777
409572.393731354	409572.39	3731354	0.000193732	0	0	0	0	0	0	1.21265E-09	0	1.21265E-09	0.001212647
409612.393731354	409612.39	3731354	0.000195853	0	0	0	0	0	0	1.22593E-09	0	1.22593E-09	0.001225926
409632.393731354	409632.39	3731354	0.000196097	0	0	0	0	0	0	1.22745E-09	0	1.22745E-09	0.001227454
409652.393731354	409652.39	3731354	0.00019573	0	0	0	0	0	0	1.22516E-09	0	1.22516E-09	0.001225157
409672.393731354	409672.39	3731354	0.000194707	0	0	0	0	0	0	1.21875E-09	0	1.21875E-09	0.001218749

409692.393731354	409692.39	3731354	0.000192883	0	0	0	0	0	0	1.20733E-09	0	1.20733E-09	0.001207333
409712.393731354	409712.39	3731354	0.000189994	0	0	0	0	0	0	1.18925E-09	0	1.18925E-09	0.001189253
409732.393731354	409732.39	3731354	0.000185744	0	0	0	0	0	0	1.16265E-09	0	1.16265E-09	0.001162645
408852.393731374	408852.39	3731374	1.21241E-05	0	0	0	0	0	0	7.58896E-11	0	7.58896E-11	7.58896E-05
408872.393731374	408872.39	3731374	1.29856E-05	0	0	0	0	0	0	8.12821E-11	0	8.12821E-11	8.12821E-05
408892.393731374	408892.39	3731374	1.39164E-05	0	0	0	0	0	0	8.71084E-11	0	8.71084E-11	8.71084E-05
408932.393731374	408932.39	3731374	1.59953E-05	0	0	0	0	0	0	1.00121E-10	0	1.00121E-10	0.000100121
408952.393731374	408952.39	3731374	1.71545E-05	0	0	0	0	0	0	1.07377E-10	0	1.07377E-10	0.000107377
408972.393731374	408972.39	3731374	1.83987E-05	0	0	0	0	0	0	1.15165E-10	0	1.15165E-10	0.000115165
408992.393731374	408992.39	3731374	1.97406E-05	0	0	0	0	0	0	1.23565E-10	0	1.23565E-10	0.000123565
409012.393731374	409012.39	3731374	2.11864E-05	0	0	0	0	0	0	1.32615E-10	0	1.32615E-10	0.000132615
409032.393731374	409032.39	3731374	2.27456E-05	0	0	0	0	0	0	1.42374E-10	0	1.42374E-10	0.000142374
409072.393731374	409072.39	3731374	2.62547E-05	0	0	0	0	0	0	1.64339E-10	0	1.64339E-10	0.000164339
409092.393731374	409092.39	3731374	2.82281E-05	0	0	0	0	0	0	1.76691E-10	0	1.76691E-10	0.000176691
409112.393731374	409112.39	3731374	3.03181E-05	0	0	0	0	0	0	1.89773E-10	0	1.89773E-10	0.000189773
409172.393731374	409172.39	3731374	3.82969E-05	0	0	0	0	0	0	2.39716E-10	0	2.39716E-10	0.000239716
409192.393731374	409192.39	3731374	4.18185E-05	0	0	0	0	0	0	2.61759E-10	0	2.61759E-10	0.000261759
409212.393731374	409212.39	3731374	4.61213E-05	0	0	0	0	0	0	2.88692E-10	0	2.88692E-10	0.000288692
409232.393731374	409232.39	3731374	5.14777E-05	0	0	0	0	0	0	3.2222E-10	0	3.2222E-10	0.00032222
409252.393731374	409252.39	3731374	5.81272E-05	0	0	0	0	0	0	3.63842E-10	0	3.63842E-10	0.000363842
409272.393731374	409272.39	3731374	6.62037E-05	0	0	0	0	0	0	4.14396E-10	0	4.14396E-10	0.000414396
409292.393731374	409292.39	3731374	7.5633E-05	0	0	0	0	0	0	4.73418E-10	0	4.73418E-10	0.000473418
409332.393731374	409332.39	3731374	9.71376E-05	0	0	0	0	0	0	6.08024E-10	0	6.08024E-10	0.000608024
409412.393731374	409412.39	3731374	0.000137616	0	0	0	0	0	0	8.61393E-10	0	8.61393E-10	0.000861393
409432.393731374	409432.39	3731374	0.000145257	0	0	0	0	0	0	9.09226E-10	0	9.09226E-10	0.000909226
409452.393731374	409452.39	3731374	0.000151808	0	0	0	0	0	0	9.50227E-10	0	9.50227E-10	0.000950227
409472.393731374	409472.39	3731374	0.000157374	0	0	0	0	0	0	9.85067E-10	0	9.85067E-10	0.000985067
409492.393731374	409492.39	3731374	0.000162066	0	0	0	0	0	0	1.01443E-09	0	1.01443E-09	0.001014435
409532.393731374	409532.39	3731374	0.000169222	0	0	0	0	0	0	1.05923E-09	0	1.05923E-09	0.001059231
409552.393731374	409552.39	3731374	0.000171862	0	0	0	0	0	0	1.07575E-09	0	1.07575E-09	0.001075754
409572.393731374	409572.39	3731374	0.000173908	0	0	0	0	0	0	1.08856E-09	0	1.08856E-09	0.00108856
409612.393731374	409612.39	3731374	0.000176458	0	0	0	0	0	0	1.10452E-09	0	1.10452E-09	0.00110452
409632.393731374	409632.39	3731374	0.000176976	0	0	0	0	0	0	1.10776E-09	0	1.10776E-09	0.001107764
409652.393731374	409652.39	3731374	0.00017698	0	0	0	0	0	0	1.10779E-09	0	1.10779E-09	0.001107793
409672.393731374	409672.39	3731374	0.000176407	0	0	0	0	0	0	1.1042E-09	0	1.1042E-09	0.001104205
409692.393731374	409692.39	3731374	0.00017512	0	0	0	0	0	0	1.09615E-09	0	1.09615E-09	0.00109615
409712.393731374	409712.39	3731374	0.000172949	0	0	0	0	0	0	1.08256E-09	0	1.08256E-09	0.001082556
409732.393731374	409732.39	3731374	0.000169638	0	0	0	0	0	0	1.06183E-09	0	1.06183E-09	0.001061834
408852.393731394	408852.39	3731394	1.18973E-05	0	0	0	0	0	0	7.447E-11	0	7.447E-11	7.447E-05
408872.393731394	408872.39	3731394	1.26974E-05	0	0	0	0	0	0	7.94781E-11	0	7.94781E-11	7.94781E-05
408892.393731394	408892.39	3731394	1.35557E-05	0	0	0	0	0	0	8.48509E-11	0	8.48509E-11	8.48509E-05
408932.393731394	408932.39	3731394	1.5452E-05	0	0	0	0	0	0	9.67203E-11	0	9.67203E-11	9.67203E-05
408952.393731394	408952.39	3731394	1.64096E-05	0	0	0	0	0	0	1.02714E-10	0	1.02714E-10	0.000102714
408972.393731394	408972.39	3731394	1.7512E-05	0	0	0	0	0	0	1.09615E-10	0	1.09615E-10	0.000109615
408992.393731394	408992.39	3731394	1.87059E-05	0	0	0	0	0	0	1.17088E-10	0	1.17088E-10	0.000117088
409012.393731394	409012.39	3731394	2.00288E-05	0	0	0	0	0	0	1.25369E-10	0	1.25369E-10	0.000125369
409032.393731394	409032.39	3731394	2.14967E-05	0	0	0	0	0	0	1.34557E-10	0	1.34557E-10	0.000134557
409072.393731394	409072.39	3731394	2.45947E-05	0	0	0	0	0	0	1.53948E-10	0	1.53948E-10	0.000153948
409092.393731394	409092.39	3731394	2.6324E-05	0	0	0	0	0	0	1.64773E-10	0	1.64773E-10	0.000164773
409112.393731394	409112.39	3731394	2.81588E-05	0	0	0	0	0	0	1.76258E-10	0	1.76258E-10	0.000176258
409132.393731394	409132.39	3731394	3.02315E-05	0	0	0	0	0	0	1.89231E-10	0	1.89231E-10	0.000189231
409172.393731394	409172.39	3731394	3.50698E-05	0	0	0	0	0	0	2.19516E-10	0	2.19516E-10	0.000219516
409332.393731394	409332.39	3731394	8.49269E-05	0	0	0	0	0	0	5.31592E-10	0	5.31592E-10	0.000531592
409412.393731394	409412.39	3731394	0.000121143	0	0	0	0	0	0	7.58285E-10	0	7.58285E-10	0.000758285
409432.393731394	409432.39	3731394	0.000128336	0	0	0	0	0	0	8.03308E-10	0	8.03308E-10	0.000803308
409452.393731394	409452.39	3731394	0.000134708	0	0	0	0	0	0	8.43195E-10	0	8.43195E-10	0.000843195

409472.393731394	409472.39	3731394	0.000140202	0	0	0	0	0	0	8.77581E-10	0	8.77581E-10	0.000877581
409492.393731394	409492.39	3731394	0.00014479	0	0	0	0	0	0	9.06298E-10	0	9.06298E-10	0.000906298
409532.393731394	409532.39	3731394	0.000151929	0	0	0	0	0	0	9.50986E-10	0	9.50986E-10	0.000950986
409552.393731394	409552.39	3731394	0.000154633	0	0	0	0	0	0	9.67913E-10	0	9.67913E-10	0.000967913
409572.393731394	409572.39	3731394	0.000156764	0	0	0	0	0	0	9.81251E-10	0	9.81251E-10	0.000981251
408852.393731414	408852.39	3731414	1.16421E-05	0	0	0	0	0	0	7.2873E-11	0	7.2873E-11	7.2873E-05
408872.393731414	408872.39	3731414	1.23808E-05	0	0	0	0	0	0	7.74965E-11	0	7.74965E-11	7.74965E-05
408892.393731414	408892.39	3731414	1.31667E-05	0	0	0	0	0	0	8.24158E-11	0	8.24158E-11	8.24158E-05
408932.393731414	408932.39	3731414	1.48929E-05	0	0	0	0	0	0	9.32206E-11	0	9.32206E-11	9.32206E-05
408952.393731414	408952.39	3731414	1.57528E-05	0	0	0	0	0	0	9.86033E-11	0	9.86033E-11	9.86033E-05
408992.393731414	408992.39	3731414	1.79215E-05	0	0	0	0	0	0	1.12178E-10	0	1.12178E-10	0.000112178
409012.393731414	409012.39	3731414	1.89972E-05	0	0	0	0	0	0	1.18911E-10	0	1.18911E-10	0.000118911
409032.393731414	409032.39	3731414	2.03139E-05	0	0	0	0	0	0	1.27153E-10	0	1.27153E-10	0.000127153
409072.393731414	409072.39	3731414	2.30528E-05	0	0	0	0	0	0	1.44297E-10	0	1.44297E-10	0.000144297
409092.393731414	409092.39	3731414	2.45726E-05	0	0	0	0	0	0	1.5381E-10	0	1.5381E-10	0.00015381
409112.393731414	409112.39	3731414	2.6168E-05	0	0	0	0	0	0	1.63797E-10	0	1.63797E-10	0.000163797
409132.393731414	409132.39	3731414	2.7995E-05	0	0	0	0	0	0	1.75232E-10	0	1.75232E-10	0.000175232
409172.393731414	409172.39	3731414	3.22128E-05	0	0	0	0	0	0	2.01633E-10	0	2.01633E-10	0.000201633
409192.393731414	409192.39	3731414	3.48398E-05	0	0	0	0	0	0	2.18077E-10	0	2.18077E-10	0.000218077
409212.393731414	409212.39	3731414	3.80008E-05	0	0	0	0	0	0	2.37862E-10	0	2.37862E-10	0.000237862
409232.393731414	409232.39	3731414	4.18689E-05	0	0	0	0	0	0	2.62074E-10	0	2.62074E-10	0.000262074
409252.393731414	409252.39	3731414	4.66016E-05	0	0	0	0	0	0	2.91699E-10	0	2.91699E-10	0.000291699
409272.393731414	409272.39	3731414	5.23077E-05	0	0	0	0	0	0	3.27416E-10	0	3.27416E-10	0.000327416
409292.393731414	409292.39	3731414	5.89982E-05	0	0	0	0	0	0	3.69294E-10	0	3.69294E-10	0.000369294
409332.393731414	409332.39	3731414	7.46754E-05	0	0	0	0	0	0	4.67424E-10	0	4.67424E-10	0.000467424
409412.393731414	409412.39	3731414	0.000106983	0	0	0	0	0	0	6.69648E-10	0	6.69648E-10	0.000669648
409432.393731414	409432.39	3731414	0.000113903	0	0	0	0	0	0	7.12966E-10	0	7.12966E-10	0.000712966
409452.393731414	409452.39	3731414	0.000120052	0	0	0	0	0	0	7.51453E-10	0	7.51453E-10	0.000751453
409472.393731414	409472.39	3731414	0.000125293	0	0	0	0	0	0	7.84262E-10	0	7.84262E-10	0.000784262
409492.393731414	409492.39	3731414	0.000129828	0	0	0	0	0	0	8.12644E-10	0	8.12644E-10	0.000812644
409532.393731414	409532.39	3731414	0.000136926	0	0	0	0	0	0	8.57075E-10	0	8.57075E-10	0.000857075
409552.393731414	409552.39	3731414	0.000139633	0	0	0	0	0	0	8.74022E-10	0	8.74022E-10	0.000874022
409572.393731414	409572.39	3731414	0.000141859	0	0	0	0	0	0	8.87952E-10	0	8.87952E-10	0.000887952
409592.393731414	409592.39	3731414	0.000143632	0	0	0	0	0	0	8.99052E-10	0	8.99052E-10	0.000899052
409612.393731414	409612.39	3731414	0.000145012	0	0	0	0	0	0	9.07688E-10	0	9.07688E-10	0.000907688
409632.393731414	409632.39	3731414	0.00014595	0	0	0	0	0	0	9.13564E-10	0	9.13564E-10	0.000913564
409652.393731414	409652.39	3731414	0.000146481	0	0	0	0	0	0	9.16886E-10	0	9.16886E-10	0.000916886
409672.393731414	409672.39	3731414	0.000146536	0	0	0	0	0	0	9.17231E-10	0	9.17231E-10	0.000917231
409692.393731414	409692.39	3731414	0.000146048	0	0	0	0	0	0	9.14175E-10	0	9.14175E-10	0.000914175
409712.393731414	409712.39	3731414	0.000144898	0	0	0	0	0	0	9.06978E-10	0	9.06978E-10	0.000906978
409732.393731414	409732.39	3731414	0.000142938	0	0	0	0	0	0	8.94705E-10	0	8.94705E-10	0.000894705
408852.393731434	408852.39	3731434	1.13618E-05	0	0	0	0	0	0	7.11182E-11	0	7.11182E-11	7.11182E-05
408872.393731434	408872.39	3731434	1.20406E-05	0	0	0	0	0	0	7.53671E-11	0	7.53671E-11	7.53671E-05
408892.393731434	408892.39	3731434	1.27588E-05	0	0	0	0	0	0	7.98625E-11	0	7.98625E-11	7.98625E-05
408932.393731434	408932.39	3731434	1.43243E-05	0	0	0	0	0	0	8.96617E-11	0	8.96617E-11	8.96617E-05
408952.393731434	408952.39	3731434	1.51055E-05	0	0	0	0	0	0	9.45515E-11	0	9.45515E-11	9.45515E-05
408992.393731434	408992.39	3731434	1.70458E-05	0	0	0	0	0	0	1.06697E-10	0	1.06697E-10	0.000106697
409012.393731434	409012.39	3731434	1.80318E-05	0	0	0	0	0	0	1.12868E-10	0	1.12868E-10	0.000112868
409032.393731434	409032.39	3731434	1.91941E-05	0	0	0	0	0	0	1.20144E-10	0	1.20144E-10	0.000120144
409072.393731434	409072.39	3731434	2.16243E-05	0	0	0	0	0	0	1.35355E-10	0	1.35355E-10	0.000135355
409092.393731434	409092.39	3731434	2.29661E-05	0	0	0	0	0	0	1.43755E-10	0	1.43755E-10	0.000143755
409112.393731434	409112.39	3731434	2.43505E-05	0	0	0	0	0	0	1.5242E-10	0	1.5242E-10	0.00015242
409132.393731434	409132.39	3731434	2.59728E-05	0	0	0	0	0	0	1.62574E-10	0	1.62574E-10	0.000162574
409332.393731434	409332.39	3731434	6.60871E-05	0	0	0	0	0	0	4.13666E-10	0	4.13666E-10	0.000413666
409412.393731434	409412.39	3731434	9.51563E-05	0	0	0	0	0	0	5.95622E-10	0	5.95622E-10	0.000595622
409432.393731434	409432.39	3731434	0.000101702	0	0	0	0	0	0	6.36593E-10	0	6.36593E-10	0.000636593

409532.393731434	409532.39	3731434	0.000123786	0	0	0	0	0	0	7.74827E-10	0	7.74827E-10	0.000774827
409552.393731434	409552.39	3731434	0.000126311	0	0	0	0	0	0	7.9063E-10	0	7.9063E-10	0.00079063
409572.393731434	409572.39	3731434	0.000128516	0	0	0	0	0	0	8.04432E-10	0	8.04432E-10	0.000804432
409592.393731434	409592.39	3731434	0.000130469	0	0	0	0	0	0	8.16656E-10	0	8.16656E-10	0.000816656
409612.393731434	409612.39	3731434	0.000131954	0	0	0	0	0	0	8.25953E-10	0	8.25953E-10	0.000825953
409632.393731434	409632.39	3731434	0.00013308	0	0	0	0	0	0	8.33001E-10	0	8.33001E-10	0.000833001
409652.393731434	409652.39	3731434	0.000133818	0	0	0	0	0	0	8.37625E-10	0	8.37625E-10	0.000837625
409672.393731434	409672.39	3731434	0.000134159	0	0	0	0	0	0	8.39754E-10	0	8.39754E-10	0.000839754
409692.393731434	409692.39	3731434	0.000133971	0	0	0	0	0	0	8.38581E-10	0	8.38581E-10	0.000838581
409712.393731434	409712.39	3731434	0.00013319	0	0	0	0	0	0	8.33691E-10	0	8.33691E-10	0.000833691
409732.393731434	409732.39	3731434	0.000131683	0	0	0	0	0	0	8.24257E-10	0	8.24257E-10	0.000824257
408852.393731454	408852.39	3731454	1.1061E-05	0	0	0	0	0	0	6.92352E-11	0	6.92352E-11	6.92352E-05
408872.393731454	408872.39	3731454	1.16831E-05	0	0	0	0	0	0	7.31293E-11	0	7.31293E-11	7.31293E-05
408892.393731454	408892.39	3731454	1.23399E-05	0	0	0	0	0	0	7.72402E-11	0	7.72402E-11	7.72402E-05
408932.393731454	408932.39	3731454	1.3762E-05	0	0	0	0	0	0	8.61423E-11	0	8.61423E-11	8.61423E-05
408952.393731454	408952.39	3731454	1.4485E-05	0	0	0	0	0	0	9.06673E-11	0	9.06673E-11	9.06673E-05
408992.393731454	408992.39	3731454	1.62174E-05	0	0	0	0	0	0	1.01511E-10	0	1.01511E-10	0.000101511
409012.393731454	409012.39	3731454	1.70758E-05	0	0	0	0	0	0	1.06884E-10	0	1.06884E-10	0.000106884
409032.393731454	409032.39	3731454	1.81168E-05	0	0	0	0	0	0	1.13401E-10	0	1.13401E-10	0.000113401
409072.393731454	409072.39	3731454	2.02966E-05	0	0	0	0	0	0	1.27045E-10	0	1.27045E-10	0.000127045
409092.393731454	409092.39	3731454	2.14794E-05	0	0	0	0	0	0	1.34448E-10	0	1.34448E-10	0.000134448
409112.393731454	409112.39	3731454	2.27173E-05	0	0	0	0	0	0	1.42197E-10	0	1.42197E-10	0.000142197
409132.393731454	409132.39	3731454	2.41426E-05	0	0	0	0	0	0	1.51119E-10	0	1.51119E-10	0.000151119
409172.393731454	409172.39	3731454	2.73886E-05	0	0	0	0	0	0	1.71437E-10	0	1.71437E-10	0.000171437
409192.393731454	409192.39	3731454	2.93999E-05	0	0	0	0	0	0	1.84026E-10	0	1.84026E-10	0.000184026
409212.393731454	409212.39	3731454	3.17828E-05	0	0	0	0	0	0	1.98942E-10	0	1.98942E-10	0.000198942
409232.393731454	409232.39	3731454	3.46587E-05	0	0	0	0	0	0	2.16943E-10	0	2.16943E-10	0.000216943
409252.393731454	409252.39	3731454	3.80921E-05	0	0	0	0	0	0	2.38434E-10	0	2.38434E-10	0.000238434
409272.393731454	409272.39	3731454	4.22642E-05	0	0	0	0	0	0	2.64549E-10	0	2.64549E-10	0.000264549
409292.393731454	409292.39	3731454	4.71907E-05	0	0	0	0	0	0	2.95386E-10	0	2.95386E-10	0.000295386
409332.393731454	409332.39	3731454	5.88218E-05	0	0	0	0	0	0	3.6819E-10	0	3.6819E-10	0.00036819
409412.393731454	409412.39	3731454	8.49237E-05	0	0	0	0	0	0	5.31572E-10	0	5.31572E-10	0.000531572
409432.393731454	409432.39	3731454	9.07542E-05	0	0	0	0	0	0	5.68068E-10	0	5.68068E-10	0.000568068
409452.393731454	409452.39	3731454	9.6232E-05	0	0	0	0	0	0	6.02355E-10	0	6.02355E-10	0.000602355
409472.393731454	409472.39	3731454	0.000101032	0	0	0	0	0	0	6.32404E-10	0	6.32404E-10	0.000632404
409492.393731454	409492.39	3731454	0.000105356	0	0	0	0	0	0	6.59465E-10	0	6.59465E-10	0.000659465
409532.393731454	409532.39	3731454	0.000112128	0	0	0	0	0	0	7.01856E-10	0	7.01856E-10	0.000701856
409552.393731454	409552.39	3731454	0.000114667	0	0	0	0	0	0	7.17747E-10	0	7.17747E-10	0.000717747
409572.393731454	409572.39	3731454	0.000116943	0	0	0	0	0	0	7.31993E-10	0	7.31993E-10	0.000731993
409592.393731454	409592.39	3731454	0.000118929	0	0	0	0	0	0	7.44424E-10	0	7.44424E-10	0.000744424
409612.393731454	409612.39	3731454	0.000120482	0	0	0	0	0	0	7.54144E-10	0	7.54144E-10	0.000754144
409632.393731454	409632.39	3731454	0.000121745	0	0	0	0	0	0	7.62051E-10	0	7.62051E-10	0.000762051
409652.393731454	409652.39	3731454	0.000122624	0	0	0	0	0	0	7.67552E-10	0	7.67552E-10	0.000767552
409672.393731454	409672.39	3731454	0.000123186	0	0	0	0	0	0	7.71071E-10	0	7.71071E-10	0.000771071
409692.393731454	409692.39	3731454	0.000123233	0	0	0	0	0	0	7.71367E-10	0	7.71367E-10	0.000771367
409712.393731454	409712.39	3731454	0.000122735	0	0	0	0	0	0	7.68252E-10	0	7.68252E-10	0.000768252
409732.393731454	409732.39	3731454	0.000121613	0	0	0	0	0	0	7.61223E-10	0	7.61223E-10	0.000761223
409072.393731474	409072.39	3731474	1.90681E-05	0	0	0	0	0	0	1.19355E-10	0	1.19355E-10	0.000119355
409092.393731474	409092.39	3731474	2.01249E-05	0	0	0	0	0	0	1.2597E-10	0	1.2597E-10	0.00012597
409112.393731474	409112.39	3731474	2.12258E-05	0	0	0	0	0	0	1.32861E-10	0	1.32861E-10	0.000132861
409132.393731474	409132.39	3731474	2.24811E-05	0	0	0	0	0	0	1.40718E-10	0	1.40718E-10	0.000140718
409172.393731474	409172.39	3731474	2.53443E-05	0	0	0	0	0	0	1.58641E-10	0	1.58641E-10	0.000158641
409192.393731474	409192.39	3731474	2.71004E-05	0	0	0	0	0	0	1.69633E-10	0	1.69633E-10	0.000169633
409212.393731474	409212.39	3731474	2.91794E-05	0	0	0	0	0	0	1.82646E-10	0	1.82646E-10	0.000182646
409232.393731474	409232.39	3731474	3.166E-05	0	0	0	0	0	0	1.98173E-10	0	1.98173E-10	0.000198173
409252.393731474	409252.39	3731474	3.46335E-05	0	0	0	0	0	0	2.16785E-10	0	2.16785E-10	0.000216785

409272.393731474	409272.39	3731474	3.81646E-05	0	0	0	0	0	0	2.38888E-10	0	2.38888E-10	0.000238888
409292.393731474	409292.39	3731474	4.25477E-05	0	0	0	0	0	0	2.66323E-10	0	2.66323E-10	0.000266323
409312.393731474	409312.39	3731474	4.73655E-05	0	0	0	0	0	0	2.9648E-10	0	2.9648E-10	0.00029648
409332.393731474	409332.39	3731474	5.26369E-05	0	0	0	0	0	0	3.29476E-10	0	3.29476E-10	0.000329476
409412.393731474	409412.39	3731474	7.56802E-05	0	0	0	0	0	0	4.73714E-10	0	4.73714E-10	0.000473714
409432.393731474	409432.39	3731474	8.11359E-05	0	0	0	0	0	0	5.07863E-10	0	5.07863E-10	0.000507863
409452.393731474	409452.39	3731474	8.6212E-05	0	0	0	0	0	0	5.39636E-10	0	5.39636E-10	0.000539636
409472.393731474	409472.39	3731474	9.08629E-05	0	0	0	0	0	0	5.68748E-10	0	5.68748E-10	0.000568748
409492.393731474	409492.39	3731474	9.515E-05	0	0	0	0	0	0	5.95583E-10	0	5.95583E-10	0.000595583
409532.393731474	409532.39	3731474	0.000101954	0	0	0	0	0	0	6.38171E-10	0	6.38171E-10	0.000638171
409552.393731474	409552.39	3731474	0.00010465	0	0	0	0	0	0	6.55048E-10	0	6.55048E-10	0.000655048
409572.393731474	409572.39	3731474	0.00010695	0	0	0	0	0	0	6.69441E-10	0	6.69441E-10	0.000669441
409592.393731474	409592.39	3731474	0.00010888	0	0	0	0	0	0	6.81528E-10	0	6.81528E-10	0.000681528
409612.393731474	409612.39	3731474	0.000110413	0	0	0	0	0	0	6.9112E-10	0	6.9112E-10	0.00069112
409632.393731474	409632.39	3731474	0.000111682	0	0	0	0	0	0	6.99066E-10	0	6.99066E-10	0.000699066
409652.393731474	409652.39	3731474	0.000112662	0	0	0	0	0	0	7.05198E-10	0	7.05198E-10	0.000705198
409672.393731474	409672.39	3731474	0.000113374	0	0	0	0	0	0	7.09654E-10	0	7.09654E-10	0.000709654
409692.393731474	409692.39	3731474	0.000113634	0	0	0	0	0	0	7.1128E-10	0	7.1128E-10	0.00071128
409712.393731474	409712.39	3731474	0.000113388	0	0	0	0	0	0	7.09742E-10	0	7.09742E-10	0.000709742
409732.393731474	409732.39	3731474	0.000112608	0	0	0	0	0	0	7.04862E-10	0	7.04862E-10	0.000704862
409772.393731474	409772.39	3731474	0.00010912	0	0	0	0	0	0	6.83026E-10	0	6.83026E-10	0.000683026
409792.393731474	409792.39	3731474	0.000106296	0	0	0	0	0	0	6.6535E-10	0	6.6535E-10	0.00066535
408832.393731494	408832.39	3731494	9.92386E-06	0	0	0	0	0	0	6.21175E-11	0	6.21175E-11	6.21175E-05
408852.393731494	408852.39	3731494	1.042E-05	0	0	0	0	0	0	6.52229E-11	0	6.52229E-11	6.52229E-05
408872.393731494	408872.39	3731494	1.09413E-05	0	0	0	0	0	0	6.8486E-11	0	6.8486E-11	6.8486E-05
408892.393731494	408892.39	3731494	1.14862E-05	0	0	0	0	0	0	7.1897E-11	0	7.1897E-11	7.1897E-05
408912.393731494	408912.39	3731494	1.20595E-05	0	0	0	0	0	0	7.54854E-11	0	7.54854E-11	7.54854E-05
408932.393731494	408932.39	3731494	1.26627E-05	0	0	0	0	0	0	7.92612E-11	0	7.92612E-11	7.92612E-05
408952.393731494	408952.39	3731494	1.3299E-05	0	0	0	0	0	0	8.32439E-11	0	8.32439E-11	8.32439E-05
408972.393731494	408972.39	3731494	1.39621E-05	0	0	0	0	0	0	8.73943E-11	0	8.73943E-11	8.73943E-05
408992.393731494	408992.39	3731494	1.46645E-05	0	0	0	0	0	0	9.17911E-11	0	9.17911E-11	9.17911E-05
409012.393731494	409012.39	3731494	1.54221E-05	0	0	0	0	0	0	9.6533E-11	0	9.6533E-11	9.6533E-05
409032.393731494	409032.39	3731494	1.62064E-05	0	0	0	0	0	0	1.01442E-10	0	1.01442E-10	0.000101442
409052.393731494	409052.39	3731494	1.70521E-05	0	0	0	0	0	0	1.06736E-10	0	1.06736E-10	0.000106736
409072.393731494	409072.39	3731494	1.79357E-05	0	0	0	0	0	0	1.12267E-10	0	1.12267E-10	0.000112267
409092.393731494	409092.39	3731494	1.8876E-05	0	0	0	0	0	0	1.18152E-10	0	1.18152E-10	0.000118152
409112.393731494	409112.39	3731494	1.98776E-05	0	0	0	0	0	0	1.24422E-10	0	1.24422E-10	0.000124422
409132.393731494	409132.39	3731494	2.09707E-05	0	0	0	0	0	0	1.31264E-10	0	1.31264E-10	0.000131264
409172.393731494	409172.39	3731494	2.35284E-05	0	0	0	0	0	0	1.47274E-10	0	1.47274E-10	0.000147274
409192.393731494	409192.39	3731494	2.50923E-05	0	0	0	0	0	0	1.57063E-10	0	1.57063E-10	0.000157063
409212.393731494	409212.39	3731494	2.6924E-05	0	0	0	0	0	0	1.68529E-10	0	1.68529E-10	0.000168529
409232.393731494	409232.39	3731494	2.91306E-05	0	0	0	0	0	0	1.8234E-10	0	1.8234E-10	0.00018234
409252.393731494	409252.39	3731494	3.1723E-05	0	0	0	0	0	0	1.98567E-10	0	1.98567E-10	0.000198567
409272.393731494	409272.39	3731494	3.47595E-05	0	0	0	0	0	0	2.17574E-10	0	2.17574E-10	0.000217574
409292.393731494	409292.39	3731494	3.85457E-05	0	0	0	0	0	0	2.41273E-10	0	2.41273E-10	0.000241273
409312.393731494	409312.39	3731494	4.27162E-05	0	0	0	0	0	0	2.67378E-10	0	2.67378E-10	0.000267378
409332.393731494	409332.39	3731494	4.73135E-05	0	0	0	0	0	0	2.96155E-10	0	2.96155E-10	0.000296155
409412.393731494	409412.39	3731494	6.7933E-05	0	0	0	0	0	0	4.2522E-10	0	4.2522E-10	0.00042522
409432.393731494	409432.39	3731494	7.3165E-05	0	0	0	0	0	0	4.5797E-10	0	4.5797E-10	0.00045797
409452.393731494	409452.39	3731494	7.78474E-05	0	0	0	0	0	0	4.87279E-10	0	4.87279E-10	0.000487279
409472.393731494	409472.39	3731494	8.22211E-05	0	0	0	0	0	0	5.14655E-10	0	5.14655E-10	0.000514655
409492.393731494	409492.39	3731494	8.62026E-05	0	0	0	0	0	0	5.39577E-10	0	5.39577E-10	0.000539577
409532.393731494	409532.39	3731494	9.2767E-05	0	0	0	0	0	0	5.80667E-10	0	5.80667E-10	0.000580667
409552.393731494	409552.39	3731494	9.54618E-05	0	0	0	0	0	0	5.97535E-10	0	5.97535E-10	0.000597535
409572.393731494	409572.39	3731494	9.78368E-05	0	0	0	0	0	0	6.12401E-10	0	6.12401E-10	0.000612401
409592.393731494	409592.39	3731494	9.99048E-05	0	0	0	0	0	0	6.25345E-10	0	6.25345E-10	0.000625345

409612.393731494	409612.39	3731494	0.000101489	0	0	0	0	0	0	6.35263E-10	0	6.35263E-10	0.000635263
409632.393731494	409632.39	3731494	0.000102663	0	0	0	0	0	0	6.42607E-10	0	6.42607E-10	0.000642607
409652.393731494	409652.39	3731494	0.000103729	0	0	0	0	0	0	6.49281E-10	0	6.49281E-10	0.000649281
409672.393731494	409672.39	3731494	0.000104582	0	0	0	0	0	0	6.54624E-10	0	6.54624E-10	0.000654624
409692.393731494	409692.39	3731494	0.000105017	0	0	0	0	0	0	6.57345E-10	0	6.57345E-10	0.000657345
409712.393731494	409712.39	3731494	0.000104971	0	0	0	0	0	0	6.57059E-10	0	6.57059E-10	0.000657059
409732.393731494	409732.39	3731494	0.000104455	0	0	0	0	0	0	6.53826E-10	0	6.53826E-10	0.000653826
409752.393731494	409752.39	3731494	0.0001034	0	0	0	0	0	0	6.47221E-10	0	6.47221E-10	0.000647221
409772.393731494	409772.39	3731494	0.000101733	0	0	0	0	0	0	6.36791E-10	0	6.36791E-10	0.000636791
409792.393731494	409792.39	3731494	9.94276E-05	0	0	0	0	0	0	6.22358E-10	0	6.22358E-10	0.000622358
408832.393731514	408832.39	3731514	9.63249E-06	0	0	0	0	0	0	6.02937E-11	0	6.02937E-11	6.02937E-05
408852.393731514	408852.39	3731514	1.00877E-05	0	0	0	0	0	0	6.31428E-11	0	6.31428E-11	6.31428E-05
408872.393731514	408872.39	3731514	1.05649E-05	0	0	0	0	0	0	6.61298E-11	0	6.61298E-11	6.61298E-05
408892.393731514	408892.39	3731514	1.10626E-05	0	0	0	0	0	0	6.92451E-11	0	6.92451E-11	6.92451E-05
408912.393731514	408912.39	3731514	1.15839E-05	0	0	0	0	0	0	7.25082E-11	0	7.25082E-11	7.25082E-05
408932.393731514	408932.39	3731514	1.21335E-05	0	0	0	0	0	0	7.59488E-11	0	7.59488E-11	7.59488E-05
408952.393731514	408952.39	3731514	1.26989E-05	0	0	0	0	0	0	7.94879E-11	0	7.94879E-11	7.94879E-05
408972.393731514	408972.39	3731514	1.32833E-05	0	0	0	0	0	0	8.31454E-11	0	8.31454E-11	8.31454E-05
408992.393731514	408992.39	3731514	1.3918E-05	0	0	0	0	0	0	8.71183E-11	0	8.71183E-11	8.71183E-05
409012.393731514	409012.39	3731514	1.46188E-05	0	0	0	0	0	0	9.15052E-11	0	9.15052E-11	9.15052E-05
409032.393731514	409032.39	3731514	1.53244E-05	0	0	0	0	0	0	9.59218E-11	0	9.59218E-11	9.59218E-05
409052.393731514	409052.39	3731514	1.60914E-05	0	0	0	0	0	0	1.00723E-10	0	1.00723E-10	0.000100723
409072.393731514	409072.39	3731514	1.68836E-05	0	0	0	0	0	0	1.05682E-10	0	1.05682E-10	0.000105682
409092.393731514	409092.39	3731514	1.77247E-05	0	0	0	0	0	0	1.10946E-10	0	1.10946E-10	0.000110946
409112.393731514	409112.39	3731514	1.86208E-05	0	0	0	0	0	0	1.16555E-10	0	1.16555E-10	0.000116555
409132.393731514	409132.39	3731514	1.95973E-05	0	0	0	0	0	0	1.22668E-10	0	1.22668E-10	0.000122668
409312.393731514	409312.39	3731514	3.87363E-05	0	0	0	0	0	0	2.42466E-10	0	2.42466E-10	0.000242466
409332.393731514	409332.39	3731514	4.27776E-05	0	0	0	0	0	0	2.67763E-10	0	2.67763E-10	0.000267763
409412.393731514	409412.39	3731514	6.13165E-05	0	0	0	0	0	0	3.83805E-10	0	3.83805E-10	0.000383805
409532.393731514	409532.39	3731514	8.46402E-05	0	0	0	0	0	0	5.29798E-10	0	5.29798E-10	0.000529798
409552.393731514	409552.39	3731514	8.71885E-05	0	0	0	0	0	0	5.45749E-10	0	5.45749E-10	0.000545749
409572.393731514	409572.39	3731514	8.96439E-05	0	0	0	0	0	0	5.61118E-10	0	5.61118E-10	0.000561118
409592.393731514	409592.39	3731514	9.1811E-05	0	0	0	0	0	0	5.74683E-10	0	5.74683E-10	0.000574683
409612.393731514	409612.39	3731514	9.34159E-05	0	0	0	0	0	0	5.84729E-10	0	5.84729E-10	0.000584729
409632.393731514	409632.39	3731514	9.46302E-05	0	0	0	0	0	0	5.92329E-10	0	5.92329E-10	0.000592329
409652.393731514	409652.39	3731514	9.57437E-05	0	0	0	0	0	0	5.99299E-10	0	5.99299E-10	0.000599299
409672.393731514	409672.39	3731514	9.66966E-05	0	0	0	0	0	0	6.05264E-10	0	6.05264E-10	0.000605264
409692.393731514	409692.39	3731514	9.72462E-05	0	0	0	0	0	0	6.08704E-10	0	6.08704E-10	0.000608704
409712.393731514	409712.39	3731514	9.73754E-05	0	0	0	0	0	0	6.09512E-10	0	6.09512E-10	0.000609512
409732.393731514	409732.39	3731514	9.70746E-05	0	0	0	0	0	0	6.0763E-10	0	6.0763E-10	0.00060763
409752.393731514	409752.39	3731514	9.63028E-05	0	0	0	0	0	0	6.02799E-10	0	6.02799E-10	0.000602799
409772.393731514	409772.39	3731514	9.49972E-05	0	0	0	0	0	0	5.94626E-10	0	5.94626E-10	0.000594626
409792.393731514	409792.39	3731514	9.3123E-05	0	0	0	0	0	0	5.82895E-10	0	5.82895E-10	0.000582895

8550 Warner Construction Health Risk Assessment

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

XY	X	Y	Max Risk: 53.3325		
			Offroad Risk	Haul Risk	Total Risk
408826.883	408826.9	3730582.43	0.202092703	5.63898E-05	0.2021491
408846.883	408846.9	3730582.43	0.20911108	5.82727E-05	0.2091694
408866.883	408866.9	3730582.43	0.215832263	6.01557E-05	0.2158924
409066.883	409066.9	3730582.43	0.245871835	7.77528E-05	0.2459496
409086.883	409086.9	3730582.43	0.244500165	7.92513E-05	0.2445794
409106.883	409106.9	3730582.43	0.242602688	8.06906E-05	0.2426834
409126.883	409126.9	3730582.43	0.240408016	8.20511E-05	0.2404901
409175.153	409175.2	3730584.08	0.236681646	8.55902E-05	0.2367672
409235.153	409235.2	3730584.08	0.230394826	8.86562E-05	0.2304835
409275.153	409275.2	3730584.08	0.226668456	9.01842E-05	0.2267586
409315.153	409315.2	3730584.08	0.222530585	9.12686E-05	0.2226219
409335.153	409335.2	3730584.08	0.220061579	9.16235E-05	0.2201532
409428.523	409428.5	3730594	0.211397197	9.58331E-05	0.2114493
409472.393	409472.4	3730594	0.198206305	9.49162E-05	0.1983012
409523.353	409523.4	3730595.29	0.181540515	9.35755E-05	0.1816341
409572.393	409572.4	3730594	0.162885804	9.04701E-05	0.1629763
409592.393	409592.4	3730594	0.155707398	8.92083E-05	0.1557966
409612.393	409612.4	3730594	0.148643298	8.78084E-05	0.1487311
409632.393	409632.4	3730594	0.141807809	8.62803E-05	0.1418941
409652.393	409652.4	3730594	0.135178071	8.46537E-05	0.1352627
409672.393	409672.4	3730594	0.128822667	8.29088E-05	0.1289056
409692.393	409692.4	3730594	0.122764459	8.10653E-05	0.1228455
409712.393	409712.4	3730594	0.117003445	7.9133E-05	0.1170826
409732.393	409732.4	3730594	0.111539626	7.71318E-05	0.1116168
409752.393	409752.4	3730594	0.106395864	7.50517E-05	0.1064709
409772.393	409772.4	3730594	0.101549297	7.29321E-05	0.1016222
408826.883	408826.9	3730602.43	0.212403088	5.85981E-05	0.2124617
408846.883	408846.9	3730602.43	0.22067883	6.0688E-05	0.2207395
408866.883	408866.9	3730602.43	0.228748822	6.28076E-05	0.2288116
408906.883	408906.9	3730602.43	0.243860052	6.70664E-05	0.2439271
408926.883	408926.9	3730602.43	0.250558373	6.91958E-05	0.2506276
408946.883	408946.9	3730602.43	0.256502276	7.13055E-05	0.2565736
408966.883	408966.9	3730602.43	0.261577455	7.33856E-05	0.2616508
408986.883	408986.9	3730602.43	0.265623882	7.54361E-05	0.2656993
409006.883	409006.9	3730602.43	0.268618694	7.74374E-05	0.2686961
409026.883	409026.9	3730602.43	0.27049331	7.93893E-05	0.2705727
409046.883	409046.9	3730602.43	0.271247728	8.12821E-05	0.271329
409066.883	409066.9	3730602.43	0.270996255	8.31256E-05	0.2710794
409086.883	409086.9	3730602.43	0.269944642	8.49002E-05	0.2700295
409106.883	409106.9	3730602.43	0.26813861	8.66056E-05	0.2682252
409126.883	409126.9	3730602.43	0.265875354	8.82421E-05	0.2659636
409175.153	409175.2	3730604.08	0.261760345	9.24714E-05	0.2618528
409235.153	409235.2	3730604.08	0.25442191	9.6257E-05	0.2545182
409275.153	409275.2	3730604.08	0.250055428	9.81892E-05	0.2501536
409315.153	409315.2	3730604.08	0.245231722	9.95891E-05	0.2453313
409335.153	409335.2	3730604.08	0.242328354	0.000100062	0.2424284
409428.523	409428.5	3730614	0.231560745	0.000105021	0.2316658
409572.393	409572.4	3730614	0.174567859	9.87413E-05	0.1746666
409592.393	409592.4	3730614	0.16633784	9.72625E-05	0.1664351
409612.393	409612.4	3730614	0.158336432	9.5626E-05	0.1584321
409632.393	409632.4	3730614	0.150586497	9.38515E-05	0.1506803
409652.393	409652.4	3730614	0.143179479	9.19587E-05	0.1432714
409672.393	409672.4	3730614	0.136092518	8.99378E-05	0.1361825
409692.393	409692.4	3730614	0.129371335	8.78084E-05	0.1294591
409712.393	409712.4	3730614	0.123015931	8.55705E-05	0.1231015

Max GLC for Chronic Calcs

XY	X	Y	Max GLC: 0.615815	
			2026	2027
408826.8837305	408826.9	3730582.43	0.0023341	0.001086
408846.8837305	408846.9	3730582.43	0.0024151	0.0011237
408866.8837305	408866.9	3730582.43	0.0024928	0.0011598
409066.8837305	409066.9	3730582.43	0.0028412	0.0013212
409086.8837305	409086.9	3730582.43	0.0028257	0.0013139
409106.8837305	409106.9	3730582.43	0.0028041	0.0013037
409126.8837305	409126.9	3730582.43	0.002779	0.0012919
409175.1537305	409175.2	3730584.08	0.0027367	0.0012718
409235.1537305	409235.2	3730584.08	0.0026649	0.0012381
409275.1537305	409275.2	3730584.08	0.0026222	0.001218
409315.1537305	409315.2	3730584.08	0.0025748	0.0011958
409335.1537305	409335.2	3730584.08	0.0025465	0.0011825
409428.5237305	409428.5	3730594	0.0024474	0.001136
409472.3937305	409472.4	3730594	0.0022955	0.0010651
409523.3537305	409523.4	3730595.29	0.0021036	0.0009755
409572.3937305	409572.4	3730594	0.0018885	0.0008753
409592.3937305	409592.4	3730594	0.0018057	0.0008367
409612.3937305	409612.4	3730594	0.0017242	0.0007988
409632.3937305	409632.4	3730594	0.0016453	0.000762
409652.3937305	409652.4	3730594	0.0015688	0.0007264
409672.3937305	409672.4	3730594	0.0014954	0.0006922
409692.3937305	409692.4	3730594	0.0014254	0.0006597
409712.3937305	409712.4	3730594	0.0013588	0.0006287
409732.3937305	409732.4	3730594	0.0012956	0.0005994
409752.3937305	409752.4	3730594	0.0012361	0.0005717
409772.3937305	409772.4	3730594	0.00118	0.0005457
408826.8837306	408826.9	3730602.43	0.0024531	0.0011414
408846.8837306	408846.9	3730602.43	0.0025486	0.0011858
408866.8837306	408866.9	3730602.43	0.0026418	0.0012292
408906.8837306	408906.9	3730602.43	0.0028163	0.0013104
408926.8837306	408926.9	3730602.43	0.0028937	0.0013464
408946.8837306	408946.9	3730602.43	0.0029625	0.0013783
408966.8837306	408966.9	3730602.43	0.0030212	0.0014056
408986.8837306	408986.9	3730602.43	0.0030681	0.0014274
409006.8837306	409006.9	3730602.43	0.0031028	0.0014435
409026.8837306	409026.9	3730602.43	0.0031247	0.0014535
409046.8837306	409046.9	3730602.43	0.0031337	0.0014576
409066.8837306	409066.9	3730602.43	0.0031311	0.0014562
409086.8837306	409086.9	3730602.43	0.0031193	0.0014506
409106.8837306	409106.9	3730602.43	0.0030988	0.0014409
409126.8837306	409126.9	3730602.43	0.003073	0.0014287
409175.1537306	409175.2	3730604.08	0.0030263	0.0014066
409235.1537306	409235.2	3730604.08	0.0029425	0.0013672
409275.1537306	409275.2	3730604.08	0.0028926	0.0013437
409315.1537306	409315.2	3730604.08	0.0028373	0.0013178
409335.1537306	409335.2	3730604.08	0.002804	0.0013022
409428.5237306	409428.5	3730614	0.0026809	0.0012443
409572.3937306	409572.4	3730614	0.0020242	0.0009381
409592.3937306	409592.4	3730614	0.0019293	0.0008938
409612.3937306	409612.4	3730614	0.0018369	0.0008508
409632.3937306	409632.4	3730614	0.0017475	0.0008092
409652.3937306	409652.4	3730614	0.001662	0.0007694
409672.3937306	409672.4	3730614	0.0015801	0.0007313
409692.3937306	409692.4	3730614	0.0015025	0.0006952
409712.3937306	409712.4	3730614	0.001429	0.000661

409732.393'	409732.4	3730614	0.117026306	8.32538E-05	0.1171096	409732.3937306:	409732.4	3730614	0.0013597	0.0006289
409752.393'	409752.4	3730614	0.111402459	8.08779E-05	0.1114833	409752.3937306:	409752.4	3730614	0.0012946	0.0005986
409772.393'	409772.4	3730614	0.106144391	7.84331E-05	0.1062228	409772.3937306:	409772.4	3730614	0.0012337	0.0005704
409251.243'	409251.2	3730720.44	0.511107076	0.00016772	0.5112748	409251.2437307:	409251.2	3730720.44	0.0059071	0.0027465
409175.153'	409175.2	3730624.08	0.291114081	0.000100121	0.2912142	409175.1537306:	409175.2	3730624.08	0.0033653	0.0015643
409315.153'	409315.2	3730624.08	0.271659229	0.000109024	0.2717683	409315.1537306:	409315.2	3730624.08	0.0031429	0.0014598
409335.153'	409335.2	3730624.08	0.268207193	0.000109645	0.2683168	409335.1537306:	409335.2	3730624.08	0.0031033	0.0014412
409428.523'	409428.5	3730634	0.254696244	0.00011555	0.2548118	409428.5237306:	409428.5	3730634	0.0029488	0.0013686
409472.393'	409472.4	3730634	0.235767199	0.000114327	0.2358815	409472.3937306:	409472.4	3730634	0.0027308	0.0012669
409492.393'	409492.4	3730634	0.22637126	0.00011345	0.2264847	409492.3937306:	409492.4	3730634	0.0026225	0.0012164
409512.393'	409512.4	3730634	0.216678126	0.000112395	0.2167905	409512.3937306:	409512.4	3730634	0.0025109	0.0011643
409572.393'	409572.4	3730634	0.187415834	0.000108176	0.187524	409572.3937306:	409572.4	3730634	0.0021735	0.0010071
409592.393'	409592.4	3730634	0.177997034	0.000106431	0.1781035	409592.3937306:	409592.4	3730634	0.0020649	0.0009565
409612.393'	409612.4	3730634	0.168875429	0.000104518	0.1689799	409612.3937306:	409612.4	3730634	0.0019596	0.0009075
409632.393'	409632.4	3730634	0.160142464	0.000102448	0.1602449	409632.3937306:	409632.4	3730634	0.0018588	0.0008605
409652.393'	409652.4	3730634	0.151821	0.00010023	0.1519212	409652.3937306:	409652.4	3730634	0.0017627	0.0008158
409672.393'	409672.4	3730634	0.143911037	9.78737E-05	0.1440089	409672.3937306:	409672.4	3730634	0.0016713	0.0007733
409692.393'	409692.4	3730634	0.136481158	9.53993E-05	0.1365766	409692.3937306:	409692.4	3730634	0.0015855	0.0007334
409712.393'	409712.4	3730634	0.12946278	9.28164E-05	0.1295556	409712.3937306:	409712.4	3730634	0.0015043	0.0006957
409732.393'	409732.4	3730634	0.122901626	9.01349E-05	0.1229918	409732.3937306:	409732.4	3730634	0.0014284	0.0006604
409752.393'	409752.4	3730634	0.116751972	8.73845E-05	0.1168394	409752.3937306:	409752.4	3730634	0.0013572	0.0006274
409772.393'	409772.4	3730634	0.111013819	8.45748E-05	0.1110984	409772.3937306:	409772.4	3730634	0.0012907	0.0005965
409251.243'	409251.2	3730740.44	0.594733219	0.000186589	0.5949198	409251.2437307:	409251.2	3730740.44	0.0068723	0.0031959
408825.583'	408825.6	3730653.45	0.238601984	6.4237E-05	0.2386662	408825.5837306:	408825.6	3730653.45	0.0027554	0.0012822
408845.583'	408845.6	3730653.45	0.250512651	6.69481E-05	0.2505796	408845.5837306:	408845.6	3730653.45	0.0028929	0.0013462
408865.583'	408865.6	3730653.45	0.262674791	6.9738E-05	0.2627445	408865.5837306:	408865.6	3730653.45	0.0030332	0.0014115
408885.583'	408885.6	3730653.45	0.274791209	7.25871E-05	0.2748638	408885.5837306:	408885.6	3730653.45	0.0031731	0.0014766
408905.583'	408905.6	3730653.45	0.286999071	7.55051E-05	0.2870746	408905.5837306:	408905.6	3730653.45	0.003314	0.0015422
408925.583'	408925.6	3730653.45	0.298841155	7.84528E-05	0.2989196	408925.5837306:	408925.6	3730653.45	0.0034507	0.0016059
408945.583'	408945.6	3730653.45	0.310134571	8.143E-05	0.310216	408945.5837306:	408945.6	3730653.45	0.0035811	0.0016665
408965.583'	408965.6	3730653.45	0.320627846	8.44171E-05	0.3207123	408965.5837306:	408965.6	3730653.45	0.0037023	0.0017229
408985.583'	408985.6	3730653.45	0.330046646	8.73943E-05	0.330134	408985.5837306:	408985.6	3730653.45	0.0038112	0.0017735
409005.583'	409005.6	3730653.45	0.33816236	9.0342E-05	0.3382527	409005.5837306:	409005.6	3730653.45	0.003905	0.0018172
409025.583'	409025.6	3730653.45	0.344723514	9.326E-05	0.3448168	409025.5837306:	409025.6	3730653.45	0.003981	0.0018524
409045.583'	409045.6	3730653.45	0.349570081	9.61288E-05	0.3496662	409045.5837306:	409045.6	3730653.45	0.0040372	0.0018785
409065.583'	409065.6	3730653.45	0.352587755	9.89384E-05	0.3526867	409065.5837306:	409065.6	3730653.45	0.0040724	0.0018947
409085.583'	409085.6	3730653.45	0.353845119	0.000101689	0.3539468	409085.5837306:	409085.6	3730653.45	0.0040873	0.0019014
409105.583'	409105.6	3730653.45	0.353525063	0.000104361	0.3536294	409105.5837306:	409105.6	3730653.45	0.004084	0.0018997
409125.583'	409125.6	3730653.45	0.351810475	0.000106963	0.3519174	409125.5837306:	409125.6	3730653.45	0.0040647	0.0018905
409175.153'	409175.2	3730644.08	0.325657302	0.000108669	0.325766	409175.1537306:	409175.2	3730644.08	0.0037641	0.00175
409215.153'	409215.2	3730644.08	0.31875323	0.000112632	0.3188659	409215.1537306:	409215.2	3730644.08	0.0036853	0.0017129
409235.153'	409235.2	3730644.08	0.315552667	0.000114396	0.3156671	409235.1537306:	409235.2	3730644.08	0.0036487	0.0016957
409255.153'	409255.2	3730644.08	0.312489271	0.000116003	0.3126053	409255.1537306:	409255.2	3730644.08	0.0036137	0.0016792
409275.153'	409275.2	3730644.08	0.309448736	0.000117443	0.3095662	409275.1537306:	409275.2	3730644.08	0.003579	0.0016629
409295.153'	409295.2	3730644.08	0.306248173	0.000118695	0.3063669	409295.1537306:	409295.2	3730644.08	0.0035424	0.0016457
409315.153'	409315.2	3730644.08	0.302681831	0.00011974	0.3028016	409315.1537306:	409315.2	3730644.08	0.0035015	0.0016265
409335.153'	409335.2	3730644.08	0.298498237	0.000120568	0.2986188	409335.1537306:	409335.2	3730644.08	0.0034535	0.001604
409428.523'	409428.5	3730654	0.281329502	0.000127666	0.2814572	409428.5237306:	409428.5	3730654	0.0032571	0.0015118
409472.393'	409472.4	3730654	0.258468337	0.000126266	0.2585946	409472.3937306:	409472.4	3730654	0.0029939	0.0013889
409492.393'	409492.4	3730654	0.247197782	0.000125231	0.247323	409492.3937306:	409492.4	3730654	0.002864	0.0013283
409512.393'	409512.4	3730654	0.235698616	0.000123979	0.2358226	409512.3937306:	409512.4	3730654	0.0027315	0.0012666
409572.393'	409572.4	3730654	0.201544035	0.00011898	0.201663	409572.3937306:	409572.4	3730654	0.0023378	0.001083
409592.393'	409592.4	3730654	0.190730703	0.00011692	0.1908476	409592.3937306:	409592.4	3730654	0.002213	0.0010249
409612.393'	409612.4	3730654	0.180351734	0.000114663	0.1804664	409612.3937306:	409612.4	3730654	0.0020933	0.0009691
409632.393'	409632.4	3730654	0.170475711	0.000112237	0.1705879	409632.3937306:	409632.4	3730654	0.0019793	0.0009161
409652.393'	409652.4	3730654	0.161148355	0.000109635	0.161258	409652.3937306:	409652.4	3730654	0.0018715	0.000866
409672.393'	409672.4	3730654	0.152346807	0.000106894	0.1524537	409672.3937306:	409672.4	3730654	0.0017698	0.0008187
409692.393'	409692.4	3730654	0.144093926	0.000104006	0.1441979	409692.3937306:	409692.4	3730654	0.0016744	0.0007743
409712.393'	409712.4	3730654	0.136366852	0.000100989	0.1364678	409712.3937306:	409712.4	3730654	0.001585	0.0007328
409732.393'	409732.4	3730654	0.129165585	9.78737E-05	0.1292635	409732.3937306:	409732.4	3730654	0.0015017	0.0006941
409752.393'	409752.4	3730654	0.122444402	9.46895E-05	0.1225391	409752.3937306:	409752.4	3730654	0.0014239	0.000658
409772.393'	409772.4	3730654	0.116203304	9.14461E-05	0.1162948	409772.3937306:	409772.4	3730654	0.0013515	0.0006244
409251.243'	409251.2	3730760.44	0.700420387	0.000208593	0.700629	409251.2437307:	409251.2	3730760.44	0.0080917	0.0037638

409175.153	409175.2	3730664.08	0.366715955	0.000118221	0.3668342	409175.1537306	409175.2	3730664.08	0.004238	0.0019706
409428.523	409428.5	3730674	0.312260659	0.000141674	0.3124023	409428.5237306	409428.5	3730674	0.0036152	0.001678
409472.393	409472.4	3730674	0.284370037	0.000140077	0.2845101	409472.3937306	409472.4	3730674	0.0032941	0.0015281
409492.393	409492.4	3730674	0.270676199	0.000138875	0.2708151	409492.3937306	409492.4	3730674	0.0031363	0.0014545
409512.393	409512.4	3730674	0.257119528	0.000137396	0.2572569	409512.3937306	409512.4	3730674	0.0029801	0.0013817
409572.393	409572.4	3730674	0.21713535	0.000131422	0.2172668	409572.3937306	409572.4	3730674	0.0025192	0.0011668
409592.393	409592.4	3730674	0.204698876	0.000128967	0.2048278	409592.3937306	409592.4	3730674	0.0023757	0.0011
409612.393	409612.4	3730674	0.192879653	0.000126305	0.193006	409612.3937306	409612.4	3730674	0.0022393	0.0010365
409632.393	409632.4	3730674	0.181723404	0.000123446	0.1818469	409632.3937306	409632.4	3730674	0.0021105	0.0009765
409652.393	409652.4	3730674	0.171230129	0.00012039	0.1713505	409652.3937306	409652.4	3730674	0.0019892	0.0009201
409672.393	409672.4	3730674	0.161422689	0.000117167	0.1615399	409672.3937306	409672.4	3730674	0.0018759	0.0008674
409692.393	409692.4	3730674	0.152278223	0.000113795	0.152392	409692.3937306	409692.4	3730674	0.0017702	0.0008183
409712.393	409712.4	3730674	0.14377387	0.000110276	0.1438841	409712.3937306	409712.4	3730674	0.0016717	0.0007726
409732.393	409732.4	3730674	0.135886768	0.000106648	0.1359934	409732.3937306	409732.4	3730674	0.0015804	0.0007302
409752.393	409752.4	3730674	0.128548333	0.000102931	0.1286513	409752.3937306	409752.4	3730674	0.0014954	0.0006908
409772.393	409772.4	3730674	0.121758567	9.9175E-05	0.1218577	409772.3937306	409772.4	3730674	0.0014167	0.0006543
409251.243	409251.2	3730780.44	0.836512905	0.000234451	0.8367474	409251.2437307	409251.2	3730780.44	0.0096616	0.0044951
408826.883	408826.9	3730682.43	0.254764828	6.7786E-05	0.2548326	408826.8837306	408826.9	3730682.43	0.0029419	0.001369
408846.883	408846.9	3730682.43	0.269053056	7.09111E-05	0.269124	408846.8837306	408846.9	3730682.43	0.0031068	0.0014458
408866.883	408866.9	3730682.43	0.283889953	7.41545E-05	0.2839641	408866.8837306	408866.9	3730682.43	0.003278	0.0015255
408886.883	408886.9	3730682.43	0.299046905	7.75064E-05	0.2991244	408886.8837306	408886.9	3730682.43	0.0034529	0.001607
408906.883	408906.9	3730682.43	0.314706804	8.09568E-05	0.3147878	408906.8837306	408906.9	3730682.43	0.0036337	0.0016911
408926.883	408926.9	3730682.43	0.330275257	8.4496E-05	0.3303598	408926.8837306	408926.9	3730682.43	0.0038133	0.0017748
408946.883	408946.9	3730682.43	0.345615099	8.80943E-05	0.3457032	408946.8837306	408946.9	3730682.43	0.0039904	0.0018572
408966.883	408966.9	3730682.43	0.360429135	9.17418E-05	0.3605209	408966.8837306	408966.9	3730682.43	0.0041614	0.0019368
408986.883	408986.9	3730682.43	0.374305862	9.5419E-05	0.3744013	408986.8837306	408986.9	3730682.43	0.0043217	0.0020114
409006.883	409006.9	3730682.43	0.386948087	9.90863E-05	0.3870472	409006.8837306	409006.9	3730682.43	0.0044677	0.0020793
409026.883	409026.9	3730682.43	0.397830001	0.000102754	0.3979328	409026.8837306	409026.9	3730682.43	0.0045935	0.0021378
409046.883	409046.9	3730682.43	0.406700134	0.000106372	0.4068065	409046.8837306	409046.9	3730682.43	0.0046961	0.0021855
409066.883	409066.9	3730682.43	0.413284149	0.00010995	0.4133941	409066.8837306	409066.9	3730682.43	0.0047724	0.0022208
409086.883	409086.9	3730682.43	0.417444881	0.00011347	0.4175584	409086.8837306	409086.9	3730682.43	0.0048209	0.0022432
409106.883	409106.9	3730682.43	0.41918233	0.00011692	0.4192992	409106.8837306	409106.9	3730682.43	0.0048414	0.0022525
409126.883	409126.9	3730682.43	0.418770829	0.000120292	0.4188911	409126.8837306	409126.9	3730682.43	0.0048372	0.0022503
409175.153	409175.2	3730684.08	0.415890322	0.000128947	0.4160193	409175.1537306	409175.2	3730684.08	0.0048054	0.0022348
409215.153	409215.2	3730684.08	0.406700134	0.000134882	0.406835	409215.1537306	409215.2	3730684.08	0.0047007	0.0021855
409235.153	409235.2	3730684.08	0.402173623	0.000137583	0.4023112	409235.1537306	409235.2	3730684.08	0.004649	0.0021611
409255.153	409255.2	3730684.08	0.397692834	0.000140087	0.3978329	409255.1537306	409255.2	3730684.08	0.0045979	0.0021371
409275.153	409275.2	3730684.08	0.393234907	0.000142355	0.3933773	409275.1537306	409275.2	3730684.08	0.0045469	0.0021131
409295.153	409295.2	3730684.08	0.388548368	0.000144376	0.3886927	409295.1537306	409295.2	3730684.08	0.0044933	0.0020879
409315.153	409315.2	3730684.08	0.383244578	0.000146091	0.3833907	409315.1537306	409315.2	3730684.08	0.0044326	0.0020594
409428.523	409428.5	3730694	0.3483813	0.00015798	0.3485393	409428.5237306	409428.5	3730694	0.0040334	0.0018721
409472.393	409472.4	3730694	0.314089552	0.000156186	0.3142457	409472.3937306	409472.4	3730694	0.0036386	0.0016878
409492.393	409492.4	3730694	0.29756093	0.000154766	0.2977157	409492.3937306	409492.4	3730694	0.0034482	0.001599
409512.393	409512.4	3730694	0.281260919	0.000153012	0.2814139	409512.3937306	409512.4	3730694	0.0032604	0.0015114
409572.393	409572.4	3730694	0.234349807	0.000145894	0.2344957	409572.3937306	409572.4	3730694	0.0027195	0.0012593
409592.393	409592.4	3730694	0.220038718	0.000142966	0.2201817	409592.3937306	409592.4	3730694	0.0025544	0.0011824
409612.393	409612.4	3730694	0.206573491	0.000139801	0.2067133	409612.3937306	409612.4	3730694	0.002399	0.00111
409652.393	409652.4	3730694	0.182180628	0.000132802	0.1823134	409652.3937306	409652.4	3730694	0.0021172	0.000979
409672.393	409672.4	3730694	0.17125299	0.000129006	0.171382	409672.3937306	409672.4	3730694	0.0019909	0.0009202
409692.393	409692.4	3730694	0.161102633	0.000125024	0.1612277	409692.3937306	409692.4	3730694	0.0018735	0.0008657
409712.393	409712.4	3730694	0.151752416	0.000120893	0.1518733	409712.3937306	409712.4	3730694	0.0017652	0.0008155
409732.393	409732.4	3730694	0.143088035	0.000116634	0.1432047	409732.3937306	409732.4	3730694	0.0016649	0.0007689
409772.393	409772.4	3730694	0.12770247	0.00010789	0.1278104	409772.3937306	409772.4	3730694	0.0014865	0.0006862
409251.243	409251.2	3730800.44	1.015470109	0.000265111	1.0157352	409251.2437308	409251.2	3730800.44	0.0117254	0.0054568
409175.153	409175.2	3730704.08	0.475306491	0.000141043	0.4754475	409175.1537307	409175.2	3730704.08	0.005491	0.0025541
409321.973	409322	3730701.65	0.426817959	0.000160928	0.4269789	409321.9737307	409322	3730701.65	0.0049363	0.0022936
409428.523	409428.5	3730714	0.390788762	0.000177066	0.3909658	409428.5237307	409428.5	3730714	0.0045243	0.0021
409472.393	409472.4	3730714	0.348358439	0.000175055	0.3485335	409472.3937307	409472.4	3730714	0.0040359	0.0018719
409492.393	409492.4	3730714	0.328103447	0.000173399	0.3282768	409492.3937307	409492.4	3730714	0.0038026	0.0017631
409512.393	409512.4	3730714	0.308625734	0.000171328	0.3087971	409512.3937307	409512.4	3730714	0.0035781	0.0016584
409572.393	409572.4	3730714	0.253416019	0.000162801	0.2535788	409572.3937307	409572.4	3730714	0.0029416	0.0013618
409592.393	409592.4	3730714	0.236933119	0.000159291	0.2370924	409592.3937307	409592.4	3730714	0.0027514	0.0012732
409612.393	409612.4	3730714	0.221570416	0.000155525	0.2217259	409612.3937307	409612.4	3730714	0.002574	0.0011906

409251.243	409251.2	3730860.44	2.069598448	0.000401708	2.0700002	409251.24373080	409251.2	3730860.44	0.023875	0.0111212
408826.883	408826.9	3730762.43	0.294977618	7.70135E-05	0.2950546	408826.88373070	408826.9	3730762.43	0.003406	0.0015851
408846.883	408846.9	3730762.43	0.316535697	8.143E-05	0.3166171	408846.88373070	408846.9	3730762.43	0.0036548	0.0017009
408886.883	408886.9	3730762.43	0.365367146	9.11503E-05	0.3654583	408886.88373070	408886.9	3730762.43	0.0042181	0.0019633
408926.883	408926.9	3730762.43	0.422085698	0.000102103	0.4221878	408926.88373070	408926.9	3730762.43	0.0048724	0.0022681
408966.883	408966.9	3730762.43	0.486188406	0.000114258	0.4863027	408966.88373070	408966.9	3730762.43	0.0056119	0.0026126
408986.883	408986.9	3730762.43	0.520365848	0.000120725	0.5204866	408986.88373070	408986.9	3730762.43	0.0060061	0.0027963
409006.883	409006.9	3730762.43	0.555206264	0.000127419	0.5553337	409006.88373070	409006.9	3730762.43	0.006408	0.0029835
409026.883	409026.9	3730762.43	0.590023819	0.000134291	0.5901581	409026.88373070	409026.9	3730762.43	0.0068097	0.0031706
409046.883	409046.9	3730762.43	0.623744038	0.00014129	0.6238853	409046.88373070	409046.9	3730762.43	0.0071988	0.0033518
409066.883	409066.9	3730762.43	0.655132419	0.000148378	0.6552808	409066.88373070	409066.9	3730762.43	0.007561	0.0035204
409086.883	409086.9	3730762.43	0.682977318	0.000155516	0.6831328	409086.88373070	409086.9	3730762.43	0.0078825	0.0036701
409106.883	409106.9	3730762.43	0.705838484	0.000162643	0.7060011	409106.88373070	409106.9	3730762.43	0.0081467	0.0037929
409126.883	409126.9	3730762.43	0.72282433	0.000169751	0.7229941	409126.88373070	409126.9	3730762.43	0.0083433	0.0038842
409175.153	409175.2	3730764.08	0.748154501	0.000188137	0.7483426	409175.15373070	409175.2	3730764.08	0.0086376	0.0040203
409226.653	409226.7	3730760.18	0.710204966	0.000201022	0.710406	409226.65373070	409226.7	3730760.18	0.0082031	0.0038164
409275.963	409276	3730760.53	0.688098219	0.000215444	0.6883137	409275.96373070	409276	3730760.53	0.007951	0.0036976
409321.973	409322	3730761.65	0.664025412	0.000227521	0.6642529	409321.97373070	409322	3730761.65	0.007676	0.0035682
409432.393	409432.4	3730774	0.56512801	0.000258092	0.5653861	409432.39373070	409432.4	3730774	0.0065431	0.0030368
409452.393	409452.4	3730774	0.526835558	0.000257313	0.5270929	409452.39373070	409452.4	3730774	0.0061024	0.002831
409472.393	409472.4	3730774	0.487811549	0.000255598	0.4880671	409472.39373070	409472.4	3730774	0.0056531	0.0026213
409492.393	409492.4	3730774	0.450662155	0.000252985	0.4509151	409492.39373070	409492.4	3730774	0.0052253	0.0024217
409512.393	409512.4	3730774	0.415615988	0.000249564	0.4158656	409512.39373070	409512.4	3730774	0.0048216	0.0022334
409552.393	409552.4	3730774	0.352313421	0.000240435	0.3525539	409552.39373070	409552.4	3730774	0.0040918	0.0018932
409572.393	409572.4	3730774	0.32444566	0.000234806	0.3246805	409572.39373070	409572.4	3730774	0.0037703	0.0017434
409592.393	409592.4	3730774	0.29913835	0.000228625	0.299367	409592.39373070	409592.4	3730774	0.0034781	0.0016075
409612.393	409612.4	3730774	0.276208601	0.000222	0.2764306	409612.39373070	409612.4	3730774	0.0032133	0.0014842
409652.393	409652.4	3730774	0.236773091	0.00020739	0.2369805	409652.39373070	409652.4	3730774	0.0027572	0.0012723
409692.393	409692.4	3730774	0.204607431	0.000191439	0.2047989	409692.39373070	409692.4	3730774	0.0023846	0.0010995
409732.393	409732.4	3730774	0.178248507	0.000174463	0.178423	409732.39373070	409732.4	3730774	0.0020786	0.0009578
409772.393	409772.4	3730774	0.1565304	0.000157093	0.1566875	409772.39373070	409772.4	3730774	0.001826	0.0008411
409251.243	409251.2	3730880.44	2.785038621	0.000471081	2.7855097	409251.24373080	409251.2	3730880.44	0.0321173	0.0149657
408826.883	408826.9	3730782.43	0.303687722	7.91922E-05	0.3037669	408826.88373070	408826.9	3730782.43	0.0035066	0.0016319
408846.883	408846.9	3730782.43	0.327143278	8.39537E-05	0.3272272	408846.88373070	408846.9	3730782.43	0.0037772	0.0017579
408886.883	408886.9	3730782.43	0.381141351	9.45712E-05	0.3812359	408886.88373070	408886.9	3730782.43	0.0044002	0.0020481
408926.883	408926.9	3730782.43	0.445381226	0.000106727	0.445488	408926.88373070	408926.9	3730782.43	0.0051412	0.0023933
409175.153	409175.2	3730784.08	0.887516166	0.000208672	0.8877248	409175.15373070	409175.2	3730784.08	0.0102443	0.0047692
409226.653	409226.7	3730780.18	0.847829182	0.000224978	0.8480542	409226.65373070	409226.7	3730780.18	0.0097903	0.0045559
409275.963	409276	3730780.53	0.820784424	0.000243087	0.8210275	409275.96373070	409276	3730780.53	0.009482	0.0044106
409321.973	409322	3730781.65	0.788138679	0.000258318	0.788397	409321.97373070	409322	3730781.65	0.0091089	0.0042352
409432.393	409432.4	3730794	0.651337465	0.000296648	0.6516341	409432.39373070	409432.4	3730794	0.0075411	0.0035
409452.393	409452.4	3730794	0.600860012	0.000295908	0.6011559	409452.39373070	409452.4	3730794	0.0069602	0.0032288
409472.393	409472.4	3730794	0.551845673	0.000294016	0.5521397	409472.39373070	409472.4	3730794	0.006396	0.0029654
409492.393	409492.4	3730794	0.505414646	0.000291019	0.5057057	409492.39373070	409492.4	3730794	0.0058613	0.0027159
409512.393	409512.4	3730794	0.462184182	0.000287006	0.4624712	409512.39373070	409512.4	3730794	0.0053633	0.0024836
409552.393	409552.4	3730794	0.386605169	0.000276064	0.3868812	409552.39373070	409552.4	3730794	0.004492	0.0020775
409572.393	409572.4	3730794	0.354005147	0.000269242	0.3542744	409572.39373070	409572.4	3730794	0.0041159	0.0019023
409592.393	409592.4	3730794	0.324765717	0.00026172	0.3250274	409592.39373070	409592.4	3730794	0.0037783	0.0017452
409612.393	409612.4	3730794	0.298566821	0.000253636	0.2988205	409612.39373070	409612.4	3730794	0.0034756	0.0016044
409652.393	409652.4	3730794	0.254033271	0.000235782	0.2542691	409652.39373070	409652.4	3730794	0.0029603	0.0013651
409692.393	409692.4	3730794	0.218186963	0.000216312	0.2184033	409692.39373070	409692.4	3730794	0.0025448	0.0011725
409732.393	409732.4	3730794	0.189130422	0.000195649	0.1893261	409732.39373070	409732.4	3730794	0.0022072	0.0010163
409772.393	409772.4	3730794	0.165400532	0.000174611	0.1655751	409772.39373070	409772.4	3730794	0.0019308	0.0008888
409251.243	409251.2	3730900.44	3.910173741	0.000560467	3.9107342	409251.24373090	409251.2	3730900.44	0.0450763	0.0210118
408826.883	408826.9	3730802.43	0.311437657	8.12624E-05	0.3115189	408826.88373080	408826.9	3730802.43	0.0035961	0.0016735
408846.883	408846.9	3730802.43	0.336767828	8.63986E-05	0.3368542	408846.88373080	408846.9	3730802.43	0.0038883	0.0018097
408886.883	408886.9	3730802.43	0.395955386	9.79329E-05	0.3960533	408886.88373080	408886.9	3730802.43	0.0045711	0.0021277
408926.883	408926.9	3730802.43	0.467968057	0.00011135	0.4680794	408926.88373080	408926.9	3730802.43	0.0054018	0.0025147
408966.883	408966.9	3730802.43	0.554794763	0.000126788	0.5549216	408966.88373080	408966.9	3730802.43	0.0064032	0.0029813
408986.883	408986.9	3730802.43	0.603854825	0.000135266	0.6039901	408986.88373080	408986.9	3730802.43	0.006969	0.0032449
409006.883	409006.9	3730802.43	0.656435505	0.000144218	0.6565797	409006.88373080	409006.9	3730802.43	0.0075754	0.0035274
409026.883	409026.9	3730802.43	0.712056721	0.000153613	0.7122103	409026.88373080	409026.9	3730802.43	0.0082168	0.0038263
409046.883	409046.9	3730802.43	0.769621135	0.000163392	0.7697845	409046.88373080	409046.9	3730802.43	0.0088806	0.0041357

409066.883	409066.9	3730802.43	0.827619912	0.000173477	0.8277934	409066.8837308	409066.9	3730802.43	0.0095495	0.0044473
409086.883	409086.9	3730802.43	0.883995546	0.000183809	0.8841794	409086.8837308	409086.9	3730802.43	0.0101998	0.0047503
409106.883	409106.9	3730802.43	0.936164726	0.000194288	0.936359	409106.8837308	409106.9	3730802.43	0.0108017	0.0050306
409126.883	409126.9	3730802.43	0.981338389	0.000204857	0.9815432	409126.8837308	409126.9	3730802.43	0.0113231	0.0052733
409175.153	409175.2	3730804.08	1.064461586	0.00023246	1.064694	409175.1537308	409175.2	3730804.08	0.0122838	0.00572
409226.653	409226.7	3730800.18	1.027586526	0.000253202	1.0278397	409226.6537308	409226.7	3730800.18	0.0118629	0.0055219
409275.963	409276	3730800.53	0.995329422	0.000276034	0.9956055	409275.9637308	409276	3730800.53	0.0114954	0.0053485
409321.973	409322	3730801.65	0.949835703	0.000295337	0.950131	409321.9737308	409322	3730801.65	0.0109751	0.0051041
409432.393	409432.4	3730814	0.755698686	0.000343682	0.7560424	409432.3937308	409432.4	3730814	0.0087493	0.0040608
409452.393	409452.4	3730814	0.689812807	0.000343081	0.6901559	409452.3937308	409452.4	3730814	0.0079912	0.0037068
409472.393	409472.4	3730814	0.627150352	0.000341	0.6274914	409472.3937308	409472.4	3730814	0.0072699	0.0033701
409492.393	409492.4	3730814	0.56903727	0.000337589	0.5693749	409492.3937308	409492.4	3730814	0.0066007	0.0030578
409512.393	409512.4	3730814	0.516022227	0.000332857	0.5163551	409512.3937308	409512.4	3730814	0.00599	0.0027729
409552.393	409552.4	3730814	0.425583456	0.000319775	0.4259032	409552.3937308	409552.4	3730814	0.0049475	0.0022869
409572.393	409572.4	3730814	0.38740531	0.000311494	0.3877168	409572.3937308	409572.4	3730814	0.0045069	0.0020818
409592.393	409592.4	3730814	0.353593646	0.000302316	0.353896	409592.3937308	409592.4	3730814	0.0041164	0.0019001
409612.393	409612.4	3730814	0.323599797	0.000292379	0.3238922	409612.3937308	409612.4	3730814	0.0037697	0.0017389
409652.393	409652.4	3730814	0.273259511	0.000270395	0.2735299	409652.3937308	409652.4	3730814	0.0031871	0.0014684
409692.393	409692.4	3730814	0.233252471	0.00024637	0.2334988	409692.3937308	409692.4	3730814	0.0027229	0.0012534
409732.393	409732.4	3730814	0.201178256	0.000220975	0.2013992	409732.3937308	409732.4	3730814	0.0023499	0.0010811
409772.393	409772.4	3730814	0.17516225	0.000195205	0.1753575	409772.3937308	409772.4	3730814	0.0020464	0.0009413
409251.243	409251.2	3730920.44	5.795968418	0.000679241	5.7966477	409251.2437309	409251.2	3730920.44	0.0667915	0.0311454
408826.883	408826.9	3730822.43	0.31797595	8.32045E-05	0.3180592	408826.8837308	408826.9	3730822.43	0.0036716	0.0017087
408846.883	408846.9	3730822.43	0.34504357	8.86956E-05	0.3451323	408846.8837308	408846.9	3730822.43	0.0039839	0.0018541
408886.883	408886.9	3730822.43	0.409260584	0.000101186	0.4093618	408886.8837308	408886.9	3730822.43	0.0047247	0.0021992
408926.883	408926.9	3730822.43	0.489274663	0.000115934	0.4893906	408926.8837308	408926.9	3730822.43	0.0056477	0.0026292
408966.883	408966.9	3730822.43	0.588537844	0.000133236	0.5886711	408966.8837308	408966.9	3730822.43	0.0067925	0.0031626
408986.883	408986.9	3730822.43	0.646308009	0.000142887	0.6464509	408986.8837308	408986.9	3730822.43	0.0074586	0.003473
409006.883	409006.9	3730822.43	0.709610576	0.000153209	0.7097638	409006.8837308	409006.9	3730822.43	0.0081886	0.0038132
409026.883	409026.9	3730822.43	0.778239795	0.000164161	0.778404	409026.8837308	409026.9	3730822.43	0.0089799	0.004182
409046.883	409046.9	3730822.43	0.851601275	0.000175715	0.851777	409046.8837308	409046.9	3730822.43	0.0098258	0.0045762
409066.883	409066.9	3730822.43	0.928231901	0.000187772	0.9284197	409066.8837308	409066.9	3730822.43	0.0107094	0.004988
409086.883	409086.9	3730822.43	1.005959864	0.000200253	1.0061601	409086.8837308	409086.9	3730822.43	0.0116056	0.0054056
409106.883	409106.9	3730822.43	1.081721766	0.000213039	1.0819348	409106.8837308	409106.9	3730822.43	0.0124793	0.0058128
409126.883	409126.9	3730822.43	1.151288293	0.000226052	1.1515143	409126.8837308	409126.9	3730822.43	0.0132818	0.0061866
409175.153	409175.2	3730824.08	1.291335792	0.000260251	1.291596	409175.1537308	409175.2	3730824.08	0.0148985	0.0069392
409226.653	409226.7	3730820.18	1.267537319	0.000286799	1.2678241	409226.6537308	409226.7	3730820.18	0.0146289	0.0068113
409275.963	409276	3730820.53	1.230913732	0.000315793	1.2312295	409275.9637308	409276	3730820.53	0.0142122	0.0066145
409321.973	409322	3730821.65	1.165599382	0.00034034	1.1659397	409321.9737308	409322	3730821.65	0.0134647	0.0062635
409412.393	409412.4	3730834	0.975691681	0.000400367	0.976092	409412.3937308	409412.4	3730834	0.0112894	0.005243
409432.393	409432.4	3730834	0.884612798	0.000401698	0.8850145	409432.3937308	409432.4	3730834	0.0102417	0.0047536
409472.393	409472.4	3730834	0.717063316	0.000399096	0.7174624	409472.3937308	409472.4	3730834	0.0083136	0.0038532
409492.393	409492.4	3730834	0.643930448	0.000395182	0.6443256	409492.3937308	409492.4	3730834	0.0074716	0.0034602
409512.393	409512.4	3730834	0.578684681	0.000389701	0.5790744	409512.3937308	409512.4	3730834	0.0067201	0.0031096
409552.393	409552.4	3730834	0.470254174	0.000374105	0.4706283	409552.3937308	409552.4	3730834	0.0054701	0.002527
409572.393	409572.4	3730834	0.425492012	0.000364069	0.4258561	409572.3937308	409572.4	3730834	0.0049535	0.0022864
409592.393	409592.4	3730834	0.386330835	0.000352811	0.3866836	409592.3937308	409592.4	3730834	0.0045011	0.002076
409612.393	409612.4	3730834	0.351924781	0.000340547	0.3522653	409612.3937308	409612.4	3730834	0.0041033	0.0018911
409652.393	409652.4	3730834	0.294863312	0.0003132	0.2951765	409652.3937308	409652.4	3730834	0.0034425	0.0015845
409692.393	409692.4	3730834	0.250124011	0.000283231	0.2504072	409692.3937308	409692.4	3730834	0.0029229	0.0013441
408826.883	408826.9	3730842.43	0.323051129	8.49593E-05	0.3231361	408826.8837308	408826.9	3730842.43	0.0037303	0.001736
408846.883	408846.9	3730842.43	0.351673308	9.08152E-05	0.3517641	408846.8837308	408846.9	3730842.43	0.0046005	0.0018898
408886.883	408886.9	3730842.43	0.420576861	0.000104262	0.4206811	408886.8837308	408886.9	3730842.43	0.0048554	0.00226
408926.883	408926.9	3730842.43	0.508295153	0.0001204	0.5084156	408926.8837308	408926.9	3730842.43	0.0058672	0.0027314
408966.883	408966.9	3730842.43	0.620383447	0.000139693	0.6205231	408966.8837308	408966.9	3730842.43	0.0071599	0.0033337
408986.883	408986.9	3730842.43	0.687343801	0.000150646	0.6874944	408986.8837308	408986.9	3730842.43	0.007932	0.0036935
409006.883	409006.9	3730842.43	0.76225984	0.000162495	0.7624223	409006.8837308	409006.9	3730842.43	0.0087958	0.0040961
409026.883	409026.9	3730842.43	0.845611649	0.000175252	0.8457869	409026.8837308	409026.9	3730842.43	0.0097568	0.004544
409046.883	409046.9	3730842.43	0.937513534	0.000188876	0.9377024	409046.8837308	409046.9	3730842.43	0.0108163	0.0050378
409066.883	409066.9	3730842.43	1.036936743	0.000203299	1.03714	409066.8837308	409066.9	3730842.43	0.0119625	0.0055721
409086.883	409086.9	3730842.43	1.142006659	0.000218422	1.1422251	409086.8837308	409086.9	3730842.43	0.0131738	0.0061367
409106.883	409106.9	3730842.43	1.249476998	0.000234126	1.2497111	409106.8837308	409106.9	3730842.43	0.0144127	0.0067142
409126.883	409126.9	3730842.43	1.354203997	0.000250244	1.3544542	409126.8837308	409126.9	3730842.43	0.0156202	0.007277

409175.153	409175.2	3730844.08	1.585147491	0.00029301	1.5854405	409175.1537308	409175.2	3730844.08	0.018284	0.008518
409226.653	409226.7	3730840.18	1.595686488	0.000327258	1.5960137	409226.6537308	409226.7	3730840.18	0.0184108	0.0085746
409275.963	409276	3730840.53	1.558788567	0.000364414	1.559153	409275.9637308	409276	3730840.53	0.0179922	0.0083763
409321.973	409322	3730841.65	1.461971531	0.000395833	1.4623674	409321.9737308	409322	3730841.65	0.0168833	0.0078561
409412.393	409412.4	3730854	1.170880311	0.000472176	1.1713525	409412.3937308	409412.4	3730854	0.0135465	0.0062919
409432.393	409432.4	3730854	1.045555402	0.000474167	1.0460296	409432.3937308	409432.4	3730854	0.0121049	0.0056184
409472.393	409472.4	3730854	0.825173767	0.000471801	0.8256456	409472.3937308	409472.4	3730854	0.0095691	0.0044342
409492.393	409492.4	3730854	0.732883242	0.000467473	0.7333507	409492.3937308	409492.4	3730854	0.0085066	0.0039382
409512.393	409512.4	3730854	0.652343356	0.000461144	0.6528045	409512.3937308	409512.4	3730854	0.0075789	0.0035054
409552.393	409552.4	3730854	0.522011852	0.00044263	0.5224545	409552.3937308	409552.4	3730854	0.0060765	0.0028051
409572.393	409572.4	3730854	0.46940831	0.000430475	0.4698388	409572.3937308	409572.4	3730854	0.0054693	0.0025224
409592.393	409592.4	3730854	0.42389173	0.000416663	0.4243084	409592.3937308	409592.4	3730854	0.0049435	0.0022778
409612.393	409612.4	3730854	0.384341914	0.000401442	0.3847434	409612.3937308	409612.4	3730854	0.004486	0.0020653
409652.393	409652.4	3730854	0.319439065	0.000367125	0.3198062	409652.3937308	409652.4	3730854	0.0037338	0.0017165
409692.393	409692.4	3730854	0.269167362	0.000329269	0.2694966	409692.3937308	409692.4	3730854	0.0031494	0.0014464
409732.393	409732.4	3730854	0.229617546	0.000289254	0.2299068	409732.3937308	409732.4	3730854	0.002688	0.0012339
409752.393	409752.4	3730854	0.212951756	0.000269015	0.2132208	409752.3937308	409752.4	3730854	0.002493	0.0011443
409772.393	409772.4	3730854	0.198023415	0.000249042	0.1982725	409772.3937308	409772.4	3730854	0.0023181	0.0010641
408826.883	408826.9	3730862.43	0.326434582	8.64972E-05	0.3265211	408826.8837308	408826.9	3730862.43	0.0037695	0.0017541
408846.883	408846.9	3730862.43	0.356359847	9.26981E-05	0.3564525	408846.8837308	408846.9	3730862.43	0.0041148	0.0019149
408886.883	408886.9	3730862.43	0.429309826	0.000107101	0.4294169	408886.8837308	408886.9	3730862.43	0.0049563	0.0023069
408926.883	408926.9	3730862.43	0.524160802	0.000124659	0.5242855	408926.8837308	408926.9	3730862.43	0.0060504	0.0028166
409226.653	409226.7	3730860.18	2.056590445	0.000376727	2.0569672	409226.6537308	409226.7	3730860.18	0.0237214	0.0110513
409275.963	409276	3730860.53	2.032631944	0.000424846	2.0330568	409275.9637308	409276	3730860.53	0.0234534	0.0109226
409321.973	409322	3730861.65	1.883805756	0.000465354	1.8842711	409321.9737308	409322	3730861.65	0.0217477	0.0101229
409432.393	409432.4	3730874	1.249637026	0.000566215	1.2502032	409432.3937308	409432.4	3730874	0.0144676	0.0067151
409472.393	409472.4	3730874	0.957082692	0.000564351	0.957647	409472.3937308	409472.4	3730874	0.0111015	0.005143
409492.393	409492.4	3730874	0.839896358	0.00055958	0.8404559	409492.3937308	409492.4	3730874	0.0097525	0.0045133
409512.393	409512.4	3730874	0.740061648	0.000552373	0.740614	409512.3937308	409512.4	3730874	0.0086027	0.0039768
409552.393	409552.4	3730874	0.582822552	0.000530527	0.5833531	409552.3937308	409552.4	3730874	0.0067902	0.0031319
409572.393	409572.4	3730874	0.520708766	0.000515829	0.5212246	409572.3937308	409572.4	3730874	0.0060732	0.0027981
409592.393	409592.4	3730874	0.467579417	0.000498892	0.4680783	409592.3937308	409592.4	3730874	0.0054592	0.0025126
409612.393	409612.4	3730874	0.421834225	0.000479915	0.4223141	409612.3937308	409612.4	3730874	0.0049299	0.0022668
409652.393	409652.4	3730874	0.347604021	0.000436459	0.3480405	409652.3937308	409652.4	3730874	0.0040689	0.0018679
409692.393	409692.4	3730874	0.290839747	0.000387847	0.2912276	409692.3937308	409692.4	3730874	0.0034081	0.0015629
409732.393	409732.4	3730874	0.246603392	0.000336328	0.2469397	409732.3937308	409732.4	3730874	0.0028909	0.0013252
408826.883	408826.9	3730882.43	0.32796628	8.77788E-05	0.3280541	408826.8837308	408826.9	3730882.43	0.0037873	0.0017624
408846.883	408846.9	3730882.43	0.358828853	9.4305E-05	0.3589232	408846.8837308	408846.9	3730882.43	0.0041434	0.0019282
408886.883	408886.9	3730882.43	0.43507084	0.000109625	0.4351805	408886.8837308	408886.9	3730882.43	0.005023	0.0023379
408926.883	408926.9	3730882.43	0.536002885	0.000128612	0.5361315	408926.8837308	408926.9	3730882.43	0.0061873	0.0028803
408966.883	408966.9	3730882.43	0.672095403	0.000152213	0.6722476	408966.8837308	408966.9	3730882.43	0.0077568	0.0036116
408986.883	408986.9	3730882.43	0.757641885	0.000166074	0.757808	408986.8837308	408986.9	3730882.43	0.0087433	0.0040713
409006.883	409006.9	3730882.43	0.857408011	0.000181492	0.8575895	409006.8837308	409006.9	3730882.43	0.0098935	0.0046074
409026.883	409026.9	3730882.43	0.974365733	0.000198587	0.9745643	409026.8837308	409026.9	3730882.43	0.0112419	0.0052359
409046.883	409046.9	3730882.43	1.109818139	0.000217406	1.1100355	409046.8837308	409046.9	3730882.43	0.0128033	0.0059637
409066.883	409066.9	3730882.43	1.267788792	0.00023803	1.2680268	409066.8837308	409066.9	3730882.43	0.014624	0.0068126
409086.883	409086.9	3730882.43	1.449832252	0.000260408	1.4500927	409086.8837308	409086.9	3730882.43	0.016722	0.0077909
409106.883	409106.9	3730882.43	1.653891015	0.000284374	1.6541754	409106.8837308	409106.9	3730882.43	0.0190736	0.0088874
409126.883	409126.9	3730882.43	1.876924546	0.00030972	1.8772343	409126.8837308	409126.9	3730882.43	0.0216436	0.0100859
409175.153	409175.2	3730884.08	2.477921724	0.000379014	2.4783007	409175.1537308	409175.2	3730884.08	0.0285692	0.0133154
409226.653	409226.7	3730880.18	2.725439563	0.000438263	2.7258778	409226.6537308	409226.7	3730880.18	0.0314264	0.0146455
409275.963	409276	3730880.53	2.749855288	0.000501455	2.7503567	409275.9637308	409276	3730880.53	0.0317174	0.0147767
409321.973	409322	3730881.65	2.511939139	0.000554168	2.5124933	409321.9737308	409322	3730881.65	0.0289886	0.0134982
409432.393	409432.4	3730894	1.513706349	0.00068552	1.5143919	409432.3937308	409432.4	3730894	0.0175248	0.0081341
409472.393	409472.4	3730894	1.120768637	0.000684436	1.1214531	409472.3937308	409472.4	3730894	0.0130039	0.0060226
409492.393	409492.4	3730894	0.971005142	0.0006793	0.9716844	409492.3937308	409492.4	3730894	0.01128	0.0052178
409512.393	409512.4	3730894	0.846503235	0.000671186	0.8471744	409512.3937308	409512.4	3730894	0.0098463	0.0045488
409552.393	409552.4	3730894	0.655498197	0.000645614	0.6561438	409552.3937308	409552.4	3730894	0.0076447	0.0035224
409572.393	409572.4	3730894	0.581679494	0.000627967	0.5823075	409572.3937308	409572.4	3730894	0.0067926	0.0031257
409592.393	409592.4	3730894	0.519199929	0.000607206	0.5198071	409592.3937308	409592.4	3730894	0.0060704	0.00279
409612.393	409612.4	3730894	0.465910552	0.000583477	0.466494	409612.3937308	409612.4	3730894	0.0054535	0.0025036
409652.393	409652.4	3730894	0.380386932	0.000527875	0.3809148	409652.3937308	409652.4	3730894	0.0044607	0.0020441
409672.393	409672.4	3730894	0.345912295	0.000496831	0.3464091	409672.3937308	409672.4	3730894	0.0040591	0.0018588

409692.393'	409692.4	3730894	0.31580414	0.000464348	0.3162685	409692.39373089	409692.4	3730894	0.0037075	0.001697
409732.393'	409732.4	3730894	0.26598966	0.000396542	0.2663862	409732.39373089	409732.4	3730894	0.0031236	0.0014293
408826.883'	408826.9	3730902.43	0.327509056	8.87745E-05	0.3275978	408826.88373090	408826.9	3730902.43	0.0037822	0.0017599
408846.883'	408846.9	3730902.43	0.35896602	9.55866E-05	0.3590616	408846.88373090	408846.9	3730902.43	0.0041452	0.0019289
408886.883'	408886.9	3730902.43	0.437356956	0.000111754	0.4374687	408886.88373090	408886.9	3730902.43	0.0050497	0.0023502
408926.883'	408926.9	3730902.43	0.542746929	0.000132102	0.542879	408926.88373090	408926.9	3730902.43	0.0062654	0.0029165
408966.883'	408966.9	3730902.43	0.688349692	0.000157931	0.6885076	408966.88373090	408966.9	3730902.43	0.0079447	0.0036989
408986.883'	408986.9	3730902.43	0.781966165	0.000173379	0.7821395	408986.88373090	408986.9	3730902.43	0.0090243	0.004202
409006.883'	409006.9	3730902.43	0.893368624	0.000190808	0.8935594	409006.88373090	409006.9	3730902.43	0.0103087	0.0048006
409026.883'	409026.9	3730902.43	1.026694941	0.000210436	1.0269054	409026.88373090	409026.9	3730902.43	0.0118458	0.0055171
409046.883'	409046.9	3730902.43	1.18537429	0.00023244	1.1856067	409046.88373090	409046.9	3730902.43	0.0136749	0.0063698
409066.883'	409066.9	3730902.43	1.377270913	0.000257027	1.3775279	409066.88373090	409066.9	3730902.43	0.0158867	0.0074009
409086.883'	409086.9	3730902.43	1.608420157	0.000284266	1.6087044	409086.88373090	409086.9	3730902.43	0.0185504	0.008643
409175.153'	409175.2	3730904.08	3.150977297	0.00043641	3.1514137	409175.15373090	409175.2	3730904.08	0.0363219	0.0169322
409226.653'	409226.7	3730900.18	3.736085966	0.000516499	3.7366025	409226.65373090	409226.7	3730900.18	0.0430664	0.0200763
409275.963'	409276	3730900.53	3.90114358	0.000601034	3.9017446	409275.96373090	409276	3730900.53	0.0449789	0.0209633
409321.973'	409322	3730901.65	3.50393083	0.000670457	3.5046013	409321.97373090	409322	3730901.65	0.0404201	0.0188288
409412.393'	409412.4	3730914	2.227500518	0.000838187	2.2283387	409412.39373090	409412.4	3730914	0.0257614	0.0119697
409432.393'	409432.4	3730914	1.864122293	0.000843786	1.8649661	409432.39373090	409432.4	3730914	0.0215817	0.0100171
409472.393'	409472.4	3730914	1.329376772	0.000844033	1.3302208	409472.39373090	409472.4	3730914	0.0154294	0.0071436
409492.393'	409492.4	3730914	1.136085618	0.000838729	1.1369243	409492.39373090	409492.4	3730914	0.0132047	0.0061049
409512.393'	409512.4	3730914	0.97900655	0.000829748	0.9798363	409512.39373090	409512.4	3730914	0.0113961	0.0052608
409552.393'	409552.4	3730914	0.744313825	0.000800143	0.745114	409552.39373090	409552.4	3730914	0.0086912	0.0039997
409572.393'	409572.4	3730914	0.655658225	0.000791935	0.6564374	409572.39373090	409572.4	3730914	0.0076679	0.0035233
409592.393'	409592.4	3730914	0.581336577	0.00075379	0.5820904	409592.39373090	409592.4	3730914	0.0068087	0.0031239
409612.393'	409612.4	3730914	0.518536955	0.000724106	0.5192611	409612.39373090	409612.4	3730914	0.0060815	0.0027864
409652.393'	409652.4	3730914	0.418953718	0.000652298	0.419606	409652.39373090	409652.4	3730914	0.0049243	0.0022513
409692.393'	409692.4	3730914	0.344792097	0.000567496	0.3453596	409692.39373090	409692.4	3730914	0.0040575	0.0018528
409732.393'	409732.4	3730914	0.288233574	0.000475735	0.2887093	409732.39373090	409732.4	3730914	0.0033921	0.0015489
408826.883'	408826.9	3730922.43	0.325085773	8.94547E-05	0.3251752	408826.88373090	408826.9	3730922.43	0.0037544	0.0017469
408846.883'	408846.9	3730922.43	0.356702765	9.65133E-05	0.3567993	408846.88373090	408846.9	3730922.43	0.0041193	0.0019168
408886.883'	408886.9	3730922.43	0.435962425	0.000113401	0.4360758	408886.88373090	408886.9	3730922.43	0.0050339	0.0023427
408926.883'	408926.9	3730922.43	0.54393571	0.000135	0.5440707	408926.88373090	408926.9	3730922.43	0.0062796	0.0029229
408966.883'	408966.9	3730922.43	0.69536807	0.000162968	0.695531	408966.88373090	408966.9	3730922.43	0.0080263	0.0037366
408986.883'	408986.9	3730922.43	0.794837001	0.000180033	0.795017	408986.88373090	408986.9	3730922.43	0.0091734	0.0042712
409006.883'	409006.9	3730922.43	0.915726844	0.000199573	0.9159264	409006.88373090	409006.9	3730922.43	0.0105674	0.0049208
409026.883'	409026.9	3730922.43	1.063272806	0.000221951	1.0634948	409026.88373090	409026.9	3730922.43	0.0122685	0.0057136
409046.883'	409046.9	3730922.43	1.243304484	0.000247514	1.243552	409046.88373090	409046.9	3730922.43	0.0143438	0.006681
409066.883'	409066.9	3730922.43	1.467709684	0.000276694	1.4679864	409066.88373090	409066.9	3730922.43	0.0169303	0.0078869
409086.883'	409086.9	3730922.43	1.749222075	0.000309809	1.7495319	409086.88373090	409086.9	3730922.43	0.0201744	0.0093997
409175.153'	409175.2	3730924.08	4.032298087	0.000507567	4.0328057	409175.15373090	409175.2	3730924.08	0.0464729	0.0216681
409226.653'	409226.7	3730920.18	5.340459697	0.00061873	5.3410784	409226.65373090	409226.7	3730920.18	0.0615412	0.0286976
409275.963'	409276	3730920.53	5.890910839	0.000734576	5.8916454	409275.96373090	409276	3730920.53	0.0678927	0.0316555
409321.973'	409322	3730921.65	5.202926925	0.000827362	5.2037543	409321.97373090	409322	3730921.65	0.0599922	0.0279586
409341.973'	409342	3730921.65	4.586292709	0.000854857	4.5871476	409341.97373090	409342	3730921.65	0.0529022	0.024645
409732.393'	409732.4	3730934	0.31404383	0.000583506	0.3146273	409732.39373090	409732.4	3730934	0.0037063	0.0016876
408826.883'	408826.9	3730942.43	0.320650707	8.97899E-05	0.3207405	408826.88373090	408826.9	3730942.43	0.0037035	0.0017231
408846.883'	408846.9	3730942.43	0.351993365	9.70358E-05	0.3520904	408846.88373090	408846.9	3730942.43	0.0040652	0.0018915
408886.883'	408886.9	3730942.43	0.430910108	0.000114515	0.4310246	408886.88373090	408886.9	3730942.43	0.0049759	0.0023155
408926.883'	408926.9	3730942.43	0.539272032	0.000137179	0.5394092	408926.88373090	408926.9	3730942.43	0.0062263	0.0028978
408966.883'	408966.9	3730942.43	0.693036231	0.000167099	0.6932033	408966.88373090	408966.9	3730942.43	0.0080001	0.0037241
408986.883'	408986.9	3730942.43	0.79561428	0.000185702	0.7958	408986.88373090	408986.9	3730942.43	0.0091833	0.0042753
409006.883'	409006.9	3730942.43	0.92251661	0.00020737	0.922724	409006.88373090	409006.9	3730942.43	0.0106467	0.0049573
409026.883'	409026.9	3730942.43	1.07925276	0.000232598	1.0794854	409026.88373090	409026.9	3730942.43	0.012454	0.0057995
409046.883'	409046.9	3730942.43	1.274830031	0.000262015	1.275092	409046.88373090	409046.9	3730942.43	0.0147089	0.0068505
409066.883'	409066.9	3730942.43	1.525411265	0.000296382	1.5257076	409066.88373090	409066.9	3730942.43	0.0175973	0.008197
409086.883'	409086.9	3730942.43	1.852417376	0.000336476	1.8527539	409086.88373090	409086.9	3730942.43	0.0213659	0.0099542
409175.153'	409175.2	3730944.08	5.128513832	0.000597357	5.1291112	409175.15373090	409175.2	3730944.08	0.0590993	0.0275587
409412.393'	409412.4	3730954	3.91780937	0.001358974	3.9191683	409412.39373090	409412.4	3730954	0.0452918	0.0210528
409432.393'	409432.4	3730954	3.065270787	0.001369227	3.06664	409432.39373090	409432.4	3730954	0.0354849	0.0164716
409452.393'	409452.4	3730954	2.446533344	0.001374521	2.4479079	409452.39373090	409452.4	3730954	0.0283671	0.0131467
409472.393'	409472.4	3730954	1.988166977	0.001374817	1.9895418	409472.39373090	409472.4	3730954	0.0230936	0.0106837
409516.953'	409517	3730961.6	1.420318488	0.001512459	1.4218309	409516.95373090	409517	3730961.6	0.0165825	0.0076323

409536.953	409537	3730961.6	1.199502491	0.001495463	1.200998	409536.9537309	409537	3730961.6	0.0140393	0.0064457
409556.953	409557	3730961.6	1.024477408	0.001471428	1.0259488	409556.9537309	409557	3730961.6	0.0120218	0.0055052
409576.953	409577	3730961.6	0.883652629	0.001439458	0.8850921	409576.9537309	409577	3730961.6	0.0103964	0.0047484
409596.953	409597	3730961.6	0.768981023	0.001398122	0.7703791	409596.9537309	409597	3730961.6	0.0090705	0.0041322
409616.953	409617	3730961.6	0.674450103	0.00134606	0.6757962	409616.9537309	409617	3730961.6	0.0079746	0.0036242
409636.953	409637	3730961.6	0.595739111	0.001281813	0.5970209	409636.9537309	409637	3730961.6	0.0070588	0.0032013
409656.953	409657	3730961.6	0.52962462	0.001204306	0.5308289	409656.9537309	409657	3730961.6	0.0062858	0.002846
409676.953	409677	3730961.6	0.473569043	0.001113639	0.4746827	409676.9537309	409677	3730961.6	0.0056264	0.0025448
409696.953	409697	3730961.6	0.425720623	0.001011388	0.426732	409696.9537309	409697	3730961.6	0.0050595	0.0022877
409716.953	409717	3730961.6	0.384593387	0.000901054	0.3854944	409716.9537309	409717	3730961.6	0.0045687	0.0020667
409732.393	409732.4	3730954	0.344014818	0.00073704	0.3447519	409732.3937309	409732.4	3730954	0.0040757	0.0018486
408826.883	408826.9	3730962.43	0.314386747	8.97899E-05	0.3144765	408826.8837309	408826.9	3730962.43	0.0036314	0.0016894
408846.883	408846.9	3730962.43	0.345066431	9.71541E-05	0.3451636	408846.8837309	408846.9	3730962.43	0.0039855	0.0018543
408886.883	408886.9	3730962.43	0.422428615	0.000115047	0.4225437	408886.8837309	408886.9	3730962.43	0.0048784	0.00227
408926.883	408926.9	3730962.43	0.529144536	0.00013853	0.5292831	408926.8837309	408926.9	3730962.43	0.00611	0.0028434
408966.883	408966.9	3730962.43	0.682291483	0.000170116	0.6824616	408966.8837309	408966.9	3730962.43	0.007877	0.0036664
408986.883	408986.9	3730962.43	0.785052422	0.000190089	0.7852425	408986.8837309	408986.9	3730962.43	0.0090624	0.0042186
409006.883	409006.9	3730962.43	0.912572003	0.00021368	0.9127857	409006.8837309	409006.9	3730962.43	0.0105333	0.0049038
409026.883	409026.9	3730962.43	1.072348688	0.000241678	1.0725904	409026.8837309	409026.9	3730962.43	0.0123761	0.0057624
409046.883	409046.9	3730962.43	1.274852892	0.000275028	1.2751279	409046.8837309	409046.9	3730962.43	0.0147112	0.0068506
409066.883	409066.9	3730962.43	1.540225301	0.000315043	1.5405403	409066.8837309	409066.9	3730962.43	0.0177707	0.0082766
409086.883	409086.9	3730962.43	1.895990758	0.000363132	1.8963539	409086.8837309	409086.9	3730962.43	0.0218715	0.0101883
409195.153	409195.2	3730964.08	8.82091211	0.000821536	8.8217336	409195.1537309	409195.2	3730964.08	0.1016164	0.0474003
409215.153	409215.2	3730964.08	12.3448236	0.000935863	12.345759	409215.1537309	409215.2	3730964.08	0.1421775	0.0663364
409235.153	409235.2	3730964.08	16.14233752	0.00105023	16.143388	409235.1537309	409235.2	3730964.08	0.1858864	0.0867428
409255.153	409255.2	3730964.08	19.0588507	0.001158219	19.060009	409255.1537309	409255.2	3730964.08	0.2194584	0.1024151
409275.153	409275.2	3730964.08	20.41550084	0.00125419	20.416755	409275.1537309	409275.2	3730964.08	0.235082	0.1097052
409295.153	409295.2	3730964.08	20.2468083	0.001335275	20.248144	409295.1537309	409295.2	3730964.08	0.2331542	0.1087987
409315.153	409315.2	3730964.08	18.55757392	0.001401385	18.558975	409315.1537309	409315.2	3730964.08	0.21373	0.0997214
409335.153	409335.2	3730964.08	15.4272174	0.001454078	15.428671	409335.1537309	409335.2	3730964.08	0.1777234	0.0829001
409472.393	409472.4	3730974	2.532148409	0.001844961	2.5339934	409472.3937309	409472.4	3730974	0.0294273	0.0136068
408826.883	408826.9	3730982.43	0.306431062	8.9435E-05	0.3065205	408826.8837309	408826.9	3730982.43	0.0035398	0.0016466
408846.883	408846.9	3730982.43	0.336242022	9.68583E-05	0.3363389	408846.8837309	408846.9	3730982.43	0.003884	0.0018068
408886.883	408886.9	3730982.43	0.411066616	0.000114968	0.4111816	408886.8837309	408886.9	3730982.43	0.0047477	0.0022089
408926.883	408926.9	3730982.43	0.514467668	0.000138983	0.5146067	408926.8837309	408926.9	3730982.43	0.0059412	0.0027646
408966.883	408966.9	3730982.43	0.662950937	0.000171752	0.6631227	408966.8837309	408966.9	3730982.43	0.0076547	0.0035624
408986.883	408986.9	3730982.43	0.762762786	0.00019278	0.7629556	408986.8837309	408986.9	3730982.43	0.0088064	0.0040988
409006.883	409006.9	3730982.43	0.886853192	0.000217958	0.8870712	409006.8837309	409006.9	3730982.43	0.0102381	0.0047656
409026.883	409026.9	3730982.43	1.043772231	0.000248391	1.0440206	409026.8837309	409026.9	3730982.43	0.0120484	0.0056088
409046.883	409046.9	3730982.43	1.244104624	0.000285419	1.24439	409046.8837309	409046.9	3730982.43	0.0143591	0.0066853
409066.883	409066.9	3730982.43	1.509362727	0.000331034	1.5096938	409066.8837309	409066.9	3730982.43	0.0174182	0.0081107
409086.883	409086.9	3730982.43	1.871643616	0.000387729	1.8720313	409086.8837309	409086.9	3730982.43	0.0215953	0.0100575
409412.393	409412.4	3730994	8.429460374	0.002571749	8.4320321	409412.3937309	409412.4	3730994	0.0973924	0.0452967
409432.393	409432.4	3730994	5.869992872	0.002591308	5.8725842	409432.3937309	409432.4	3730994	0.0679486	0.0315431
409452.393	409452.4	3730994	4.306723517	0.002603542	4.3093271	409452.3937309	409452.4	3730994	0.0499651	0.0231427
409472.393	409472.4	3730994	3.282223248	0.002608678	3.2848319	409472.3937309	409472.4	3730994	0.038179	0.0176374
408826.883	408826.9	3731002.43	0.297218012	8.8735E-05	0.2973067	408826.8837310	408826.9	3731002.43	0.0034337	0.0015971
408846.883	408846.9	3731002.43	0.325794469	9.61485E-05	0.3258906	408846.8837310	408846.9	3731002.43	0.0037636	0.0017507
408886.883	408886.9	3731002.43	0.397349917	0.000114298	0.3974642	408886.8837310	408886.9	3731002.43	0.0045898	0.0021352
408926.883	408926.9	3731002.43	0.495812957	0.00013851	0.4959515	408926.8837310	408926.9	3731002.43	0.0057265	0.0026643
408966.883	408966.9	3731002.43	0.637094959	0.00017191	0.6372669	408966.8837310	408966.9	3731002.43	0.0073573	0.0034235
408986.883	408986.9	3731002.43	0.731717323	0.000193579	0.7319109	408986.8837310	408986.9	3731002.43	0.0084494	0.003932
409006.883	409006.9	3731002.43	0.84936088	0.000219822	0.8495807	409006.8837310	409006.9	3731002.43	0.0098071	0.0045641
409026.883	409026.9	3731002.43	0.998278512	0.000252009	0.9985305	409026.8837310	409026.9	3731002.43	0.0115255	0.0053644
409046.883	409046.9	3731002.43	1.189374994	0.000291955	1.1896669	409046.8837310	409046.9	3731002.43	0.0137305	0.0063913
409066.883	409066.9	3731002.43	1.442630985	0.0003424	1.4429734	409066.8837310	409066.9	3731002.43	0.0166523	0.0077522
409086.883	409086.9	3731002.43	1.79110373	0.000407258	1.791511	409086.8837310	409086.9	3731002.43	0.0206718	0.0096247
409086.883	409086.9	3731022.43	1.682558917	0.00041826	1.6829772	409086.8837310	409086.9	3731022.43	0.0194248	0.0090414
408818.973	408819	3731039.27	0.269693169	8.40326E-05	0.2697772	408818.9737310	408819	3731039.27	0.0031163	0.0014492
408838.973	408839	3731039.27	0.294451811	9.09236E-05	0.2945427	408838.9737310	408839	3731039.27	0.0034022	0.0015823
408858.973	408859	3731039.27	0.32286824	9.87709E-05	0.322967	408858.9737310	408859	3731039.27	0.0037304	0.001735
408878.973	408879	3731039.27	0.355765457	0.000107752	0.3558732	408878.9737310	408879	3731039.27	0.0041103	0.0019117
408898.973	408899	3731039.27	0.39408077	0.000118123	0.3941989	408898.9737310	408899	3731039.27	0.0045528	0.0021176

408918.973	408919	3731039.27	0.439231572	0.000130189	0.4393618	408918.9737310:	408919	3731039.27	0.0050742	0.0023603
408938.973	408939	3731039.27	0.492909589	0.000144356	0.4930539	408938.9737310:	408939	3731039.27	0.005694	0.0026487
408958.973	408959	3731039.27	0.557309492	0.000161135	0.5574706	408958.9737310:	408959	3731039.27	0.0064376	0.0029948
408978.973	408979	3731039.27	0.635106038	0.000181295	0.6352873	408978.9737310:	408979	3731039.27	0.0073359	0.0034128
408998.973	408999	3731039.27	0.730437098	0.000205783	0.7306429	408998.9737310:	408999	3731039.27	0.0084366	0.0039251
409018.973	409019	3731039.27	0.849795243	0.000236048	0.8500313	409018.9737310:	409019	3731039.27	0.0098147	0.0045665
409038.973	409039	3731039.27	1.001844854	0.000274121	1.002119	409038.9737310:	409039	3731039.27	0.0115701	0.0053835
409058.973	409059	3731039.27	1.199982575	0.000323117	1.2003057	409058.9737310:	409059	3731039.27	0.0138575	0.0064483
409076.637	409076.6	3731038.48	1.433257907	0.00037933	1.4336372	409076.6373103:	409076.6	3731038.48	0.0165503	0.0077018
408952.393	408952.4	3731094	0.484885319	0.000145775	0.4850311	408952.3937310:	408952.4	3731094	0.0056019	0.0026056
408972.393	408972.4	3731094	0.551091255	0.000163185	0.5512544	408972.3937310:	408972.4	3731094	0.0063664	0.0029614
409012.393	409012.4	3731094	0.733843411	0.000209953	0.7340534	409012.3937310:	409012.4	3731094	0.0084765	0.0039434
409032.393	409032.4	3731094	0.862277439	0.000242092	0.8625195	409032.3937310:	409032.4	3731094	0.0099592	0.0046336
409052.393	409052.4	3731094	1.027837999	0.000283053	1.0281211	409052.3937310:	409052.4	3731094	0.0118706	0.0055232
409072.393	409072.4	3731094	1.245224822	0.000336673	1.2455615	409072.3937310:	409072.4	3731094	0.0143802	0.0066914
409333.043	409333	3731097.23	53.31747306	0.01498185	53.332455	409333.0437310:	409333	3731097.23	0.6158145	0.286508
408952.393	408952.4	3731114	0.476289521	0.000142	0.4764315	408952.3937311:	408952.4	3731114	0.0055024	0.0025594
408972.393	408972.4	3731114	0.542243984	0.000158789	0.5424028	408972.3937311:	408972.4	3731114	0.0062639	0.0029138
409012.393	409012.4	3731114	0.72380736	0.000203772	0.7240111	409012.3937311:	409012.4	3731114	0.00836	0.0038895
409032.393	409032.4	3731114	0.850321049	0.000234609	0.8505557	409032.3937311:	409032.4	3731114	0.0098205	0.0045693
409052.393	409052.4	3731114	1.011355099	0.000273836	1.0116289	409052.3937311:	409052.4	3731114	0.0116795	0.0054346
409072.393	409072.4	3731114	1.218660147	0.00032502	1.2189852	409072.3937311:	409072.4	3731114	0.0140727	0.0065486
409112.493	409112.5	3731137.53	1.692915025	0.00046703	1.6933821	409112.4937311:	409112.5	3731137.53	0.0195517	0.0090971
409172.393	409172.4	3731114	3.761164664	0.001206633	3.7623713	409172.3937311:	409172.4	3731114	0.0434652	0.0202111
409192.393	409192.4	3731114	4.945715953	0.001811236	4.9475272	409192.3937311:	409192.4	3731114	0.0571901	0.0265764
409212.393	409212.4	3731114	7.017006127	0.002872202	7.0198783	409212.3937311:	409212.4	3731114	0.08119	0.0377067
409232.393	409232.4	3731114	11.5637033	0.004990743	11.568694	409232.3937311:	409232.4	3731114	0.1338385	0.062139
409252.393	409252.4	3731114	19.52222366	0.007443541	19.529667	409252.3937311:	409252.4	3731114	0.2257936	0.1049051
409272.393	409272.4	3731114	28.11980505	0.008835807	28.128641	409272.3937311:	409272.4	3731114	0.3249318	0.1511052
409292.393	409292.4	3731114	34.83492948	0.009532575	34.844462	409292.3937311:	409292.4	3731114	0.4023011	0.1871898
409333.043	409333	3731117.23	37.93698389	0.00956567	37.94655	409333.0437311:	409333	3731117.23	0.4379957	0.2038591
409472.393	409472.4	3731114	7.467988338	0.010651647	7.47864	409472.3937311:	409472.4	3731114	0.0876214	0.0401302
409492.393	409492.4	3731114	5.916949706	0.010675346	5.9276251	409492.3937311:	409492.4	3731114	0.0697804	0.0317955
409532.393	409532.4	3731114	3.859376231	0.010654338	3.8700306	409532.3937311:	409532.4	3731114	0.0461045	0.0207388
409572.393	409572.4	3731114	2.622335707	0.010546764	2.6328825	409572.3937311:	409572.4	3731114	0.0318551	0.0140914
409592.393	409592.4	3731114	2.191036959	0.010468626	2.2015056	409592.3937311:	409592.4	3731114	0.0268805	0.0117738
409612.393	409612.4	3731114	1.846199139	0.010383608	1.8565827	409612.3937311:	409612.4	3731114	0.0228995	0.0099208
409632.393	409632.4	3731114	1.568184506	0.010263149	1.5784477	409632.3937311:	409632.4	3731114	0.0196817	0.0084268
409652.393	409652.4	3731114	1.342247608	0.010093417	1.352341	409652.3937311:	409652.4	3731114	0.0170552	0.0072127
409672.393	409672.4	3731114	1.157186473	0.009823979	1.1670105	409672.3937311:	409672.4	3731114	0.014883	0.0062183
409692.393	409692.4	3731114	1.004496749	0.0093374	1.0138341	409692.3937311:	409692.4	3731114	0.0130485	0.0053978
408952.393	408952.4	3731134	0.471717288	0.000138569	0.4718559	408952.3937311:	408952.4	3731134	0.0054493	0.0025348
408972.393	408972.4	3731134	0.537511722	0.000154855	0.5376666	408972.3937311:	408972.4	3731134	0.0062088	0.0028884
409012.393	409012.4	3731134	0.716400342	0.000198468	0.7165988	409012.3937311:	409012.4	3731134	0.0082739	0.0038497
409032.393	409032.4	3731134	0.838524688	0.00022831	0.838753	409032.3937311:	409032.4	3731134	0.0096838	0.0045059
409052.393	409052.4	3731134	0.990551438	0.000266166	0.9908176	409052.3937311:	409052.4	3731134	0.0114389	0.0053229
409072.393	409072.4	3731134	1.180550584	0.00031529	1.1808659	409072.3937311:	409072.4	3731134	0.0136327	0.0063438
409333.043	409333	3731137.23	27.93515541	0.006688371	27.941844	409333.0437311:	409333	3731137.23	0.3224643	0.150113
409472.393	409472.4	3731134	7.39839895	0.007649068	7.406048	409472.3937311:	409472.4	3731134	0.0863411	0.0397562
409492.393	409492.4	3731134	5.961117478	0.007657832	5.9687753	409492.3937311:	409492.4	3731134	0.0698065	0.0320328
409532.393	409532.4	3731134	4.001709847	0.007643626	4.0093535	409532.3937311:	409532.4	3731134	0.0472611	0.0215037
409552.393	409552.4	3731134	3.321178674	0.00762037	3.328799	409552.3937311:	409552.4	3731134	0.0394278	0.0178468
409572.393	409572.4	3731134	2.776717157	0.007576461	2.7842936	409572.3937311:	409572.4	3731134	0.0331567	0.014921
409612.393	409612.4	3731134	1.981811573	0.007419772	1.9892313	409612.3937311:	409612.4	3731134	0.0239863	0.0106495
409632.393	409632.4	3731134	1.690766075	0.007316683	1.6980828	409632.3937311:	409632.4	3731134	0.0206213	0.0090855
409652.393	409652.4	3731134	1.451775451	0.007166462	1.4589419	409652.3937311:	409652.4	3731134	0.0178477	0.0078013
409672.393	409672.4	3731134	1.254254982	0.006953738	1.2612087	409672.3937311:	409672.4	3731134	0.0155412	0.0067399
409692.393	409692.4	3731134	1.09004323	0.006651461	1.0966947	409692.3937311:	409692.4	3731134	0.0136037	0.0058575
409712.393	409712.4	3731134	0.952830515	0.006211335	0.9590419	409712.3937311:	409712.4	3731134	0.0119547	0.0051202
409732.393	409732.4	3731134	0.837541658	0.005443941	0.8429856	409732.3937311:	409732.4	3731134	0.0105057	0.0045006
408952.393	408952.4	3731154	0.469133976	0.0001357	0.4692697	408952.3937311:	408952.4	3731154	0.0054191	0.0025209
408972.393	408972.4	3731154	0.533945381	0.000151631	0.534097	408972.3937311:	408972.4	3731154	0.0061673	0.0028692
409012.393	409012.4	3731154	0.70615854	0.00019421	0.7063527	409012.3937311:	409012.4	3731154	0.0081554	0.0037946

409032.393'	409032.4	3731154	0.820098589	0.000223213	0.8203218	409032.3937311!	409032.4	3731154	0.0094709	0.0044069
409052.393'	409052.4	3731154	0.957928555	0.000259748	0.9581883	409052.3937311!	409052.4	3731154	0.0110625	0.0051475
409072.393'	409072.4	3731154	1.12435784	0.000306516	1.1246644	409072.3937311!	409072.4	3731154	0.0129848	0.0060419
409092.393'	409092.4	3731154	1.324758816	0.000367391	1.3251262	409092.3937311!	409092.4	3731154	0.0153001	0.0071188
409112.393'	409112.4	3731154	1.565349722	0.000447727	1.5657974	409112.3937311!	409112.4	3731154	0.018081	0.0084116
409172.393'	409172.4	3731154	2.642590699	0.000890407	2.6434811	409172.3937311!	409172.4	3731154	0.0305454	0.0142003
409192.393'	409192.4	3731154	3.265283124	0.001150076	3.2664332	409192.3937311!	409192.4	3731154	0.037751	0.0175464
409212.393'	409212.4	3731154	4.33836337	0.001538041	4.3399014	409212.3937311!	409212.4	3731154	0.0501589	0.0233127
409232.393'	409232.4	3731154	6.31306512	0.002181851	6.315247	409232.3937311!	409232.4	3731154	0.0729808	0.033924
409252.393'	409252.4	3731154	9.491201481	0.003061147	9.4942626	409252.3937311!	409252.4	3731154	0.1096859	0.0510021
409272.393'	409272.4	3731154	13.44275393	0.003895627	13.44665	409272.3937311!	409272.4	3731154	0.1552821	0.0722363
409292.393'	409292.4	3731154	17.34355459	0.004499461	17.348054	409292.3937311!	409292.4	3731154	0.2002576	0.0931977
409333.043'	409333	3731157.23	21.09193987	0.004933456	21.096873	409333.0437311!	409333	3731157.23	0.2434523	0.1133401
409432.393'	409432.4	3731154	11.15560863	0.005715036	11.161324	409432.3937311!	409432.4	3731154	0.129259	0.059946
409452.393'	409452.4	3731154	8.905932784	0.005771327	8.9117041	409452.3937311!	409452.4	3731154	0.1033854	0.0478571
409472.393'	409472.4	3731154	7.190842429	0.00580106	7.1966435	409472.3937311!	409472.4	3731154	0.0836579	0.0386409
409492.393'	409492.4	3731154	5.880623314	0.005817671	5.886441	409492.3937311!	409492.4	3731154	0.0685864	0.0316003
409532.393'	409532.4	3731154	4.055067807	0.005818292	4.0608861	409532.3937311!	409532.4	3731154	0.0475833	0.0217904
409552.393'	409552.4	3731154	3.40565068	0.005802302	3.411453	409552.3937311!	409552.4	3731154	0.0401092	0.0183007
409612.393'	409612.4	3731154	2.087590185	0.005657808	2.093248	409612.3937311!	409612.4	3731154	0.0249217	0.0112179
409632.393'	409632.4	3731154	1.791858149	0.005572386	1.7974305	409632.3937311!	409632.4	3731154	0.0215057	0.0096288
409652.393'	409652.4	3731154	1.545963453	0.005455071	1.5514185	409652.3937311!	409652.4	3731154	0.0186579	0.0083074
409672.393'	409672.4	3731154	1.340670187	0.005295543	1.3459657	409672.3937311!	409672.4	3731154	0.0162705	0.0072043
409712.393'	409712.4	3731154	1.023402933	0.004789435	1.0281924	409712.3937311!	409712.4	3731154	0.0125395	0.0054994
409732.393'	409732.4	3731154	0.90075278	0.004317486	0.9050703	409732.3937311!	409732.4	3731154	0.011053	0.0048403
408952.393'	408952.4	3731174	0.466093441	0.000133423	0.4662269	408952.3937311!	408952.4	3731174	0.0053838	0.0025046
408972.393'	408972.4	3731174	0.528458701	0.000149088	0.5286078	408972.3937311!	408972.4	3731174	0.0061038	0.0028397
409172.393'	409172.4	3731174	2.223774148	0.000761252	2.2245354	409172.3937311!	409172.4	3731174	0.0257063	0.0119497
409292.393'	409292.4	3731174	12.83661299	0.003298083	12.839911	409292.3937311!	409292.4	3731174	0.148213	0.0689791
409333.043'	409333	3731177.23	16.25357995	0.003772684	16.257353	409333.0437311!	409333	3731177.23	0.1876012	0.0873406
409432.393'	409432.4	3731174	10.27943161	0.004490402	10.283922	409432.3937311!	409432.4	3731174	0.1189829	0.0552378
409452.393'	409452.4	3731174	8.402301309	0.004539733	8.406841	409452.3937311!	409452.4	3731174	0.0973943	0.0451508
409472.393'	409472.4	3731174	6.897716566	0.004576692	6.9022933	409472.3937311!	409472.4	3731174	0.0800898	0.0370657
409492.393'	409492.4	3731174	5.716594452	0.004598084	5.7211925	409492.3937311!	409492.4	3731174	0.0665044	0.0307188
409532.393'	409532.4	3731174	4.036550263	0.004609875	4.0411601	409532.3937311!	409532.4	3731174	0.0471772	0.0216909
409552.393'	409552.4	3731174	3.428237512	0.004599583	3.4328371	409552.3937311!	409552.4	3731174	0.0401769	0.0184221
409572.393'	409572.4	3731174	2.926869292	0.004576938	2.9314462	409572.3937311!	409572.4	3731174	0.034405	0.0157279
409612.393'	409612.4	3731174	2.161340305	0.004491368	2.1658317	409612.3937311!	409612.4	3731174	0.0255839	0.0116142
409632.393'	409632.4	3731174	1.868557359	0.004423168	1.8729805	409632.3937311!	409632.4	3731174	0.0222045	0.0100409
409652.393'	409652.4	3731174	1.621885384	0.004333269	1.6262187	409652.3937311!	409652.4	3731174	0.0193522	0.0087154
409672.393'	409672.4	3731174	1.413505861	0.004216556	1.4177224	409672.3937311!	409672.4	3731174	0.0169361	0.0075956
409692.393'	409692.4	3731174	1.237040524	0.004064225	1.2411047	409692.3937311!	409692.4	3731174	0.0148815	0.0066474
409712.393'	409712.4	3731174	1.086865528	0.00385998	1.0907255	409712.3937311!	409712.4	3731174	0.0131211	0.0058404
409732.393'	409732.4	3731174	0.958934446	0.003545094	0.9624795	409732.3937311!	409732.4	3731174	0.011599	0.005153
408952.393'	408952.4	3731194	0.460515317	0.000131629	0.4606469	408952.3937311!	408952.4	3731194	0.0053193	0.0024746
408972.393'	408972.4	3731194	0.51883415	0.000147008	0.5189812	408972.3937311!	408972.4	3731194	0.0059927	0.002788
409012.393'	409012.4	3731194	0.663682495	0.000187338	0.6638698	409012.3937311!	409012.4	3731194	0.0076656	0.0035664
409032.393'	409032.4	3731194	0.752429539	0.000213976	0.7526435	409032.3937311!	409032.4	3731194	0.0086909	0.0040433
409052.393'	409052.4	3731194	0.853567335	0.000246331	0.8538137	409052.3937311!	409052.4	3731194	0.0098597	0.0045867
409072.393'	409072.4	3731194	0.968353247	0.000285754	0.968639	409072.3937311!	409072.4	3731194	0.0111866	0.0052036
409112.393'	409112.4	3731194	1.243441651	0.000392116	1.2438338	409112.3937311!	409112.4	3731194	0.0143685	0.0066818
409132.393'	409132.4	3731194	1.418100955	0.000463579	1.4185645	409132.3937311!	409132.4	3731194	0.0163894	0.0076203
409172.393'	409172.4	3731194	1.883622867	0.000655896	1.8842788	409172.3937311!	409172.4	3731194	0.021776	0.0101219
409192.393'	409192.4	3731194	2.262569546	0.000790739	2.2633603	409192.3937311!	409192.4	3731194	0.0261573	0.0121582
409212.393'	409212.4	3731194	2.882358603	0.000980236	2.8833388	409212.3937311!	409212.4	3731194	0.0333183	0.0154887
409232.393'	409232.4	3731194	3.917352147	0.001263496	3.9186156	409232.3937311!	409232.4	3731194	0.0452712	0.0210504
409252.393'	409252.4	3731194	5.489560218	0.001651215	5.4912114	409252.3937311!	409252.4	3731194	0.0634215	0.0294988
409272.393'	409272.4	3731194	7.530536487	0.002088699	7.5326252	409272.3937311!	409272.4	3731194	0.086973	0.0404663
409292.393'	409292.4	3731194	9.758265616	0.00249373	9.7607593	409292.3937311!	409292.4	3731194	0.1126679	0.0524372
409333.043'	409333	3731197.23	12.78229486	0.002953001	12.785248	409333.0437311!	409333	3731197.23	0.1475329	0.0686872
409532.393'	409532.4	3731194	3.965337733	0.003757295	3.969095	409532.3937311!	409532.4	3731194	0.0462217	0.0213082
409552.393'	409552.4	3731194	3.401375642	0.003751922	3.4051276	409552.3937311!	409552.4	3731194	0.0397325	0.0182777
409572.393'	409572.4	3731194	2.932264527	0.003736267	2.9360008	409572.3937311!	409572.4	3731194	0.0343328	0.0157569

409612.393'	409612.4	3731194	2.204136407	0.003670443	2.2078068	409612.393731194	409612.4	3731194	0.0259451	0.0118442
409632.393'	409632.4	3731194	1.920223593	0.003617927	1.9238415	409632.393731194	409632.4	3731194	0.0226703	0.0103186
409652.393'	409652.4	3731194	1.678032406	0.003549964	1.6815824	409652.393731194	409652.4	3731194	0.019873	0.0090171
409672.393'	409672.4	3731194	1.470955969	0.003464058	1.474442	409672.393731194	409672.4	3731194	0.0174769	0.0079044
409692.393'	409692.4	3731194	1.293553325	0.003354561	1.2969079	409692.393731194	409692.4	3731194	0.0154183	0.0069511
409712.393'	409712.4	3731194	1.141297963	0.003205986	1.1445039	409712.393731194	409712.4	3731194	0.0136429	0.0061329
409732.393'	409732.4	3731194	1.009960568	0.002985613	1.0129462	409732.393731194	409732.4	3731194	0.0120966	0.0054271
408952.393'	408952.4	3731214	0.451073656	0.000130091	0.4512037	408952.393731214	408952.4	3731214	0.0052104	0.0024239
408972.393'	408972.4	3731214	0.503974393	0.000145056	0.5041194	408972.393731214	408972.4	3731214	0.0058214	0.0027082
409012.393'	409012.4	3731214	0.630716694	0.000183592	0.6309003	409012.393731214	409012.4	3731214	0.0072858	0.0033892
409032.393'	409032.4	3731214	0.705587011	0.000208356	0.7057954	409032.393731214	409032.4	3731214	0.0081511	0.0037916
409052.393'	409052.4	3731214	0.78893882	0.000237764	0.7891766	409052.393731214	409052.4	3731214	0.0091148	0.0042395
409072.393'	409072.4	3731214	0.881457957	0.000272643	0.8817306	409072.393731214	409072.4	3731214	0.0101848	0.0047366
409112.393'	409112.4	3731214	1.099279141	0.000362531	1.0996417	409112.393731214	409112.4	3731214	0.0127052	0.0059071
409132.393'	409132.4	3731214	1.237360581	0.000420419	1.237781	409132.393731214	409132.4	3731214	0.0143031	0.0066491
409333.043'	409333	3731217.23	10.17564191	0.002359025	10.178001	409333.043731214	409333	3731217.23	0.1174483	0.0546801
409432.393'	409432.4	3731214	8.489882434	0.002985553	8.492868	409432.393731214	409432.4	3731214	0.0981536	0.0456214
409452.393'	409452.4	3731214	7.268776142	0.003035703	7.2718118	409452.393731214	409452.4	3731214	0.0841127	0.0390597
409472.393'	409472.4	3731214	6.175898127	0.003073786	6.1789719	409472.393731214	409472.4	3731214	0.0715452	0.033187
409492.393'	409492.4	3731214	5.250318121	0.003101399	5.2534195	409492.393731214	409492.4	3731214	0.0609007	0.0282132
409532.393'	409532.4	3731214	3.858141728	0.003126962	3.8612687	409532.393731214	409532.4	3731214	0.0448877	0.0207322
409552.393'	409552.4	3731214	3.338141658	0.003126104	3.3412678	409552.393731214	409552.4	3731214	0.038905	0.0179379
409572.393'	409572.4	3731214	2.902636456	0.003116472	2.9057529	409572.393731214	409572.4	3731214	0.0338929	0.0155977
409612.393'	409612.4	3731214	2.218607525	0.003068245	2.2216758	409612.393731214	409612.4	3731214	0.0260154	0.011922
409632.393'	409632.4	3731214	1.947748436	0.00302894	1.9507774	409632.393731214	409632.4	3731214	0.0228929	0.0104665
409652.393'	409652.4	3731214	1.714107325	0.00297813	1.7170855	409652.393731214	409652.4	3731214	0.0201967	0.009211
409672.393'	409672.4	3731214	1.511900317	0.00291407	1.5148144	409672.393731214	409672.4	3731214	0.0178601	0.0081244
409692.393'	409692.4	3731214	1.336418011	0.002832483	1.3392505	409692.393731214	409692.4	3731214	0.0158281	0.0071814
409712.393'	409712.4	3731214	1.184071204	0.002722158	1.1867934	409712.393731214	409712.4	3731214	0.0140577	0.0063628
409732.393'	409732.4	3731214	1.05275667	0.002562531	1.0553192	409732.393731214	409732.4	3731214	0.0125214	0.0056571
408952.393'	408952.4	3731234	0.437311234	0.000128533	0.4374398	408952.393731214	408952.4	3731234	0.0050518	0.0023499
408972.393'	408972.4	3731234	0.483993734	0.000142917	0.4841367	408972.393731214	408972.4	3731234	0.0055912	0.0026008
409012.393'	409012.4	3731234	0.592241352	0.000179057	0.5924204	409012.393731214	409012.4	3731234	0.0068424	0.0031825
409032.393'	409032.4	3731234	0.654332278	0.000201653	0.6545339	409032.393731214	409032.4	3731234	0.0075604	0.0035161
409052.393'	409052.4	3731234	0.722367106	0.000227876	0.722595	409052.393731214	409052.4	3731234	0.0083473	0.0038817
409072.393'	409072.4	3731234	0.797260284	0.000258269	0.7975186	409072.393731214	409072.4	3731234	0.0092138	0.0042842
409092.393'	409092.4	3731234	0.880429204	0.000293424	0.8807226	409092.393731214	409092.4	3731234	0.0101763	0.0047311
409112.393'	409112.4	3731234	0.971919588	0.000334011	0.9722536	409112.393731214	409112.4	3731234	0.0112354	0.0052227
409132.393'	409132.4	3731234	1.083299187	0.000381154	1.0836803	409132.393731214	409132.4	3731234	0.0125243	0.0058212
409172.393'	409172.4	3731234	1.389798832	0.000500548	1.3902994	409172.393731214	409172.4	3731234	0.0160697	0.0074683
409192.393'	409192.4	3731234	1.642620461	0.000581022	1.6432015	409192.393731214	409192.4	3731234	0.0189913	0.0088268
409212.393'	409212.4	3731234	2.036358314	0.000689129	2.0370474	409212.393731214	409212.4	3731234	0.0235385	0.0109426
409232.393'	409232.4	3731234	2.648648908	0.000840336	2.6494892	409232.393731214	409232.4	3731234	0.0306071	0.0142328
409252.393'	409252.4	3731234	3.537993967	0.001042679	3.5390366	409252.393731214	409252.4	3731234	0.0408714	0.0190118
409272.393'	409272.4	3731234	4.697055056	0.001284938	4.69834	409272.393731214	409272.4	3731234	0.0542452	0.0252402
409292.393'	409292.4	3731234	6.026911912	0.001538524	6.0284504	409292.393731214	409292.4	3731234	0.0695858	0.0323864
409312.393'	409312.4	3731234	7.352539452	0.00177341	7.3543129	409312.393731214	409312.4	3731234	0.0848748	0.0395098
409332.393'	409332.4	3731234	8.447840751	0.001971917	8.4498127	409332.393731214	409332.4	3731234	0.097508	0.0453955
409432.393'	409432.4	3731234	7.641664612	0.00249649	7.6441611	409432.393731214	409432.4	3731234	0.0883167	0.0410634
409452.393'	409452.4	3731234	6.689954294	0.002545407	6.6924997	409452.393731214	409452.4	3731234	0.077375	0.0359493
409472.393'	409472.4	3731234	5.783783417	0.002584072	5.7863675	409472.393731214	409472.4	3731234	0.0669556	0.0310799
409492.393'	409492.4	3731234	4.981630843	0.002613243	4.9842441	409492.393731214	409492.4	3731234	0.0577315	0.0267694
409532.393'	409532.4	3731234	3.72774164	0.002644306	3.7303859	409532.393731214	409532.4	3731234	0.0433104	0.0200315
409552.393'	409552.4	3731234	3.249828976	0.002647668	3.2524766	409552.393731214	409552.4	3731234	0.0378125	0.0174634
409572.393'	409572.4	3731234	2.847106685	0.002643261	2.8497499	409572.393731214	409572.4	3731234	0.0331784	0.0152993
408952.393'	408952.4	3731254	0.419593831	0.000126729	0.4197206	408952.393731214	408952.4	3731254	0.0048477	0.0022547
408972.393'	408972.4	3731254	0.459898066	0.000140334	0.4600384	408972.393731214	408972.4	3731254	0.0053136	0.0024713
409072.393'	409072.4	3731254	0.718549292	0.000243363	0.7187927	409072.393731214	409072.4	3731254	0.0083058	0.0038612
409092.393'	409092.4	3731254	0.786401231	0.000273254	0.7866745	409092.393731214	409092.4	3731254	0.0090913	0.0042258
409112.393'	409112.4	3731254	0.861065797	0.000307186	0.861373	409112.393731214	409112.4	3731254	0.0099557	0.004627
409132.393'	409132.4	3731254	0.9533106	0.000346078	0.9536567	409132.393731214	409132.4	3731254	0.0110232	0.0051227
409172.393'	409172.4	3731254	1.210384405	0.000442778	1.2108272	409172.393731214	409172.4	3731254	0.0139963	0.0065041
409192.393'	409192.4	3731254	1.421644435	0.000507153	1.4221516	409192.393731214	409192.4	3731254	0.0164371	0.0076394

409212.393'	409212.4	3731254	1.741677891	0.000592004	1.7422699	409212.3937312!	409212.4	3731254	0.0201327	0.0093591
409232.393'	409232.4	3731254	2.229055077	0.000707731	2.2297628	409232.3937312!	409232.4	3731254	0.0257585	0.0119781
409252.393'	409252.4	3731254	2.92172553	0.000860684	2.9225862	409252.3937312!	409252.4	3731254	0.0337521	0.0157003
409272.393'	409272.4	3731254	3.821563863	0.001046021	3.8226099	409272.3937312!	409272.4	3731254	0.0441345	0.0205356
409292.393'	409292.4	3731254	4.868125157	0.001247102	4.8693723	409292.3937312!	409292.4	3731254	0.0562073	0.0261595
409312.393'	409312.4	3731254	5.940976791	0.00144281	5.9424196	409312.3937312!	409312.4	3731254	0.0685818	0.0319246
409332.393'	409332.4	3731254	6.869345859	0.001617391	6.8709633	409332.3937312!	409332.4	3731254	0.0792907	0.0369133
409432.393'	409432.4	3731254	6.852245707	0.002112044	6.8543578	409432.3937312!	409432.4	3731254	0.079173	0.0368214
409452.393'	409452.4	3731254	6.125214923	0.002160843	6.1273758	409452.3937312!	409452.4	3731254	0.0708162	0.0329146
409472.393'	409472.4	3731254	5.387370808	0.002199488	5.3895703	409472.3937312!	409472.4	3731254	0.0623334	0.0289497
409492.393'	409492.4	3731254	4.702496013	0.002229477	4.7047255	409492.3937312!	409492.4	3731254	0.0544587	0.0252694
409532.393'	409532.4	3731254	3.583030463	0.002264849	3.5852953	409532.3937312!	409532.4	3731254	0.0415848	0.0192539
409552.393'	409552.4	3731254	3.145262005	0.002271779	3.1475338	409552.3937312!	409552.4	3731254	0.0365494	0.0169015
409572.393'	409572.4	3731254	2.773585177	0.002271927	2.7758571	409572.3937312!	409572.4	3731254	0.0322732	0.0149042
409612.393'	409612.4	3731254	2.180932324	0.002251983	2.1831843	409612.3937312!	409612.4	3731254	0.0254515	0.0117195
409632.393'	409632.4	3731254	1.941713089	0.002231488	1.9439446	409632.3937312!	409632.4	3731254	0.022696	0.010434
409652.393'	409652.4	3731254	1.73205334	0.002203746	1.7342571	409652.3937312!	409652.4	3731254	0.0202795	0.0093074
409672.393'	409672.4	3731254	1.547495151	0.002167665	1.5496628	409672.3937312!	409672.4	3731254	0.0181503	0.0083157
409692.393'	409692.4	3731254	1.384609347	0.002120493	1.3867298	409692.3937312!	409692.4	3731254	0.0162688	0.0074404
409712.393'	409712.4	3731254	1.240652588	0.002056315	1.2427089	409712.3937312!	409712.4	3731254	0.0146023	0.0066668
409732.393'	409732.4	3731254	1.113338758	0.001965933	1.1153047	409732.3937312!	409732.4	3731254	0.0131231	0.0059827
409412.393'	409412.4	3731274	6.545563173	0.001746388	6.5473096	409412.3937312!	409412.4	3731274	0.0755861	0.0351734
409532.393'	409532.4	3731274	3.429906377	0.001960117	3.4318665	409532.3937312!	409532.4	3731274	0.0397744	0.018431
409552.393'	409552.4	3731274	3.031024762	0.001969946	3.0329947	409552.3937312!	409552.4	3731274	0.0351869	0.0162876
409572.393'	409572.4	3731274	2.688290169	0.00197382	2.690264	409572.3937312!	409572.4	3731274	0.0312443	0.0144459
409612.393'	409612.4	3731274	2.138456278	0.001963912	2.1404202	409612.3937312!	409612.4	3731274	0.0249168	0.0114913
409632.393'	409632.4	3731274	1.915468471	0.00195014	1.9174186	409632.3937312!	409632.4	3731274	0.0223491	0.010293
409652.393'	409652.4	3731274	1.718976753	0.001930197	1.720907	409652.3937312!	409652.4	3731274	0.0200853	0.0092371
409672.393'	409672.4	3731274	1.544774673	0.001903224	1.5466779	409672.3937312!	409672.4	3731274	0.0180768	0.008301
409692.393'	409692.4	3731274	1.389821693	0.001867064	1.3916888	409692.3937312!	409692.4	3731274	0.0162883	0.0074684
409712.393'	409712.4	3731274	1.251831698	0.001817338	1.253649	409712.3937312!	409712.4	3731274	0.0146927	0.0067269
409732.393'	409732.4	3731274	1.128884351	0.001747591	1.1306319	409732.3937312!	409732.4	3731274	0.0132671	0.0060662
409412.393'	409412.4	3731294	5.735569219	0.001498056	5.7370673	409412.3937312!	409412.4	3731294	0.0662274	0.0308208
409432.393'	409432.4	3731294	5.47294015	0.001555096	5.4744952	409432.3937312!	409432.4	3731294	0.063215	0.0294095
409452.393'	409452.4	3731294	5.076870459	0.001601697	5.0784722	409452.3937312!	409452.4	3731294	0.0586656	0.0272812
409472.393'	409472.4	3731294	4.613588941	0.001639405	4.6152283	409472.3937312!	409472.4	3731294	0.0533416	0.0247917
409492.393'	409492.4	3731294	4.136819335	0.001669759	4.1384891	409492.3937312!	409492.4	3731294	0.0478611	0.0222297
409532.393'	409532.4	3731294	3.272095751	0.001711105	3.2738069	409532.3937312!	409532.4	3731294	0.037919	0.017583
409552.393'	409552.4	3731294	2.910889337	0.001723191	2.9126125	409552.3937312!	409552.4	3731294	0.0337653	0.015642
409572.393'	409572.4	3731294	2.595702449	0.001730023	2.5974325	409572.3937312!	409572.4	3731294	0.0301401	0.0139483
409612.393'	409612.4	3731294	2.085989904	0.001728199	2.0877181	409612.3937312!	409612.4	3731294	0.0242755	0.0112093
409632.393'	409632.4	3731294	1.878341938	0.001719642	1.8800616	409632.3937312!	409632.4	3731294	0.0218852	0.0100935
409652.393'	409652.4	3731294	1.694903946	0.001705762	1.6966097	409652.3937312!	409652.4	3731294	0.0197725	0.0091078
409672.393'	409672.4	3731294	1.531515197	0.001685877	1.5332011	409672.3937312!	409672.4	3731294	0.0178895	0.0082298
409692.393'	409692.4	3731294	1.385432349	0.001658215	1.3870906	409692.3937312!	409692.4	3731294	0.0162044	0.0074448
409712.393'	409712.4	3731294	1.254620761	0.00161954	1.2562403	409712.3937312!	409712.4	3731294	0.0146932	0.0067419
409732.393'	409732.4	3731294	1.136885758	0.001565172	1.1384509	409732.3937312!	409732.4	3731294	0.01333	0.0061092
408832.393'	408832.4	3731314	0.230966355	7.30898E-05	0.2310394	408832.3937313:	408832.4	3731314	0.002669	0.0012411
408852.393'	408852.4	3731314	0.248386563	7.88767E-05	0.2484654	408852.3937313:	408852.4	3731314	0.0028703	0.0013347
408872.393'	408872.4	3731314	0.26697269	8.52945E-05	0.267058	408872.3937313:	408872.4	3731314	0.0030852	0.0014346
408892.393'	408892.4	3731314	0.286679015	9.24221E-05	0.2867714	408892.3937313:	408892.4	3731314	0.003313	0.0015405
408912.393'	408912.4	3731314	0.307505537	0.000100328	0.3076059	408912.3937313:	408912.4	3731314	0.0035539	0.0016524
408932.393'	408932.4	3731314	0.329406533	0.000109063	0.3295156	408932.3937313:	408932.4	3731314	0.0038073	0.0017701
408952.393'	408952.4	3731314	0.352427727	0.000118695	0.3525464	408952.3937313:	408952.4	3731314	0.0040737	0.0018938
408972.393'	408972.4	3731314	0.376706284	0.000129312	0.3768356	408972.3937313:	408972.4	3731314	0.0043547	0.0020243
408992.393'	408992.4	3731314	0.402402234	0.000140974	0.4025432	408992.3937313:	408992.4	3731314	0.0046522	0.0021624
409012.393'	409012.4	3731314	0.429881355	0.0001538	0.4300352	409012.3937313:	409012.4	3731314	0.0049704	0.00231
409032.393'	409032.4	3731314	0.459646593	0.000167878	0.4598145	409032.3937313:	409032.4	3731314	0.0053151	0.00247
409052.393'	409052.4	3731314	0.492292337	0.000183365	0.4924757	409052.3937313:	409052.4	3731314	0.0056931	0.0026454
409072.393'	409072.4	3731314	0.528618729	0.00020043	0.5288192	409072.3937313:	409072.4	3731314	0.0061138	0.0028406
409092.393'	409092.4	3731314	0.569700243	0.00021924	0.5699195	409092.3937313:	409092.4	3731314	0.0065895	0.0030614
409112.393'	409112.4	3731314	0.617091439	0.000240021	0.6173315	409112.3937313:	409112.4	3731314	0.007138	0.003316
409132.393'	409132.4	3731314	0.673581379	0.00026307	0.6738444	409132.3937313:	409132.4	3731314	0.0077916	0.0036196

409692.393'	409692.4	3731354	1.327342128	0.001207333	1.3285495	409692.3937313!	409692.4	3731354	0.015464	0.0071326
409712.393'	409712.4	3731354	1.218225785	0.001189253	1.219415	409712.3937313!	409712.4	3731354	0.0142058	0.0065463
409732.393'	409732.4	3731354	1.118962605	0.001162645	1.1201252	409732.3937313!	409732.4	3731354	0.0130595	0.0060129
408852.393'	408852.4	3731374	0.218987104	7.58896E-05	0.219063	408852.3937313'	408852.4	3731374	0.0025316	0.0011768
408872.393'	408872.4	3731374	0.231126383	8.12821E-05	0.2312077	408872.3937313'	408872.4	3731374	0.0026721	0.001242
408892.393'	408892.4	3731374	0.243700024	8.71084E-05	0.2437871	408892.3937313'	408892.4	3731374	0.0028177	0.0013096
408932.393'	408932.4	3731374	0.270264698	0.000100121	0.2703648	408932.3937313'	408932.4	3731374	0.0031254	0.0014523
408952.393'	408952.4	3731374	0.284210009	0.000107377	0.2843174	408952.3937313'	408952.4	3731374	0.003287	0.0015272
408972.393'	408972.4	3731374	0.299184072	0.000115165	0.2992992	408972.3937313'	408972.4	3731374	0.0034605	0.0016077
408992.393'	408992.4	3731374	0.315666973	0.000123565	0.3157905	408992.3937313'	408992.4	3731374	0.0036515	0.0016963
409012.393'	409012.4	3731374	0.333955905	0.000132615	0.3340885	409012.3937313'	409012.4	3731374	0.0038634	0.0017946
409032.393'	409032.4	3731374	0.353685091	0.000142374	0.3538275	409032.3937313'	409032.4	3731374	0.0040919	0.0019006
409072.393'	409072.4	3731374	0.400321868	0.000164339	0.4004862	409072.3937313'	409072.4	3731374	0.004632	0.0021512
409092.393'	409092.4	3731374	0.42839538	0.000176691	0.4285721	409092.3937313'	409092.4	3731374	0.0049569	0.002302
409112.393'	409112.4	3731374	0.459075064	0.000189773	0.4592648	409112.3937313'	409112.4	3731374	0.005312	0.0024669
409172.393'	409172.4	3731374	0.612724957	0.000239716	0.6129647	409172.3937313'	409172.4	3731374	0.0070877	0.0032926
409192.393'	409192.4	3731374	0.699002995	0.000261759	0.6992648	409192.3937313'	409192.4	3731374	0.0080839	0.0037562
409212.393'	409212.4	3731374	0.817035192	0.000288692	0.8173239	409212.3937313'	409212.4	3731374	0.0094462	0.0043904
409232.393'	409232.4	3731374	0.976034598	0.00032222	0.9763568	409232.3937313'	409232.4	3731374	0.0112808	0.0052448
409252.393'	409252.4	3731374	1.181579337	0.000363842	1.1819432	409252.3937313'	409252.4	3731374	0.0136523	0.0063494
409272.393'	409272.4	3731374	1.445420048	0.000414396	1.4458344	409272.3937313'	409272.4	3731374	0.0166959	0.0077671
409292.393'	409292.4	3731374	1.761041298	0.000473418	1.7615147	409292.3937313'	409292.4	3731374	0.0203365	0.0094632
409332.393'	409332.4	3731374	2.453848917	0.000608024	2.4544569	409332.3937313'	409332.4	3731374	0.0283288	0.0131861
409412.393'	409412.4	3731374	3.436238919	0.000861393	3.4371003	409412.3937313'	409412.4	3731374	0.0396718	0.0184651
409432.393'	409432.4	3731374	3.4652726	0.000909226	3.4661818	409432.3937313'	409432.4	3731374	0.0400134	0.0186211
409452.393'	409452.4	3731374	3.406290793	0.000950227	3.407241	409452.3937313'	409452.4	3731374	0.0393414	0.0183041
409472.393'	409472.4	3731374	3.269581023	0.000985067	3.2705661	409472.3937313'	409472.4	3731374	0.0377741	0.0175695
409492.393'	409492.4	3731374	3.082416662	0.001014435	3.0834311	409492.3937313'	409492.4	3731374	0.0356255	0.0165637
409532.393'	409532.4	3731374	2.635983822	0.001059231	2.6370431	409532.3937313'	409532.4	3731374	0.0304964	0.0141648
409552.393'	409552.4	3731374	2.411510039	0.001075754	2.4125858	409552.3937313'	409552.4	3731374	0.0279164	0.0129585
409572.393'	409572.4	3731374	2.200112842	0.00108856	2.2012014	409572.3937313'	409572.4	3731374	0.0254863	0.0118226
409612.393'	409612.4	3731374	1.831590854	0.00110452	1.8326954	409612.3937313'	409612.4	3731374	0.021249	0.0098423
409632.393'	409632.4	3731374	1.675311927	0.001107764	1.6764197	409632.3937313'	409632.4	3731374	0.0194515	0.0090025
409652.393'	409652.4	3731374	1.535790235	0.001107793	1.536898	409652.3937313'	409652.4	3731374	0.0178463	0.0082528
409672.393'	409672.4	3731374	1.410716798	0.001104205	1.411821	409672.3937313'	409672.4	3731374	0.0164068	0.0075807
409692.393'	409692.4	3731374	1.297919808	0.00109615	1.299016	409692.3937313'	409692.4	3731374	0.0151078	0.0069745
409712.393'	409712.4	3731374	1.195684676	0.001082556	1.1967672	409712.3937313'	409712.4	3731374	0.0139294	0.0064252
409732.393'	409732.4	3731374	1.102502566	0.001061834	1.1035644	409732.3937313'	409732.4	3731374	0.012854	0.0059244
408852.393'	408852.4	3731394	0.207899439	7.447E-05	0.2079739	408852.3937313!	408852.4	3731394	0.0024038	0.0011172
408872.393'	408872.4	3731394	0.218346991	7.94781E-05	0.2184265	408872.3937313!	408872.4	3731394	0.0025248	0.0011733
408892.393'	408892.4	3731394	0.229137461	8.48509E-05	0.2292223	408892.3937313!	408892.4	3731394	0.0026498	0.0012313
408932.393'	408932.4	3731394	0.251838599	9.67203E-05	0.2519353	408932.3937313!	408932.4	3731394	0.0029129	0.0013533
408952.393'	408952.4	3731394	0.262789097	0.000102714	0.2628918	408952.3937313!	408952.4	3731394	0.0030398	0.0014121
408972.393'	408972.4	3731394	0.275888545	0.000109615	0.2759982	408972.3937313!	408972.4	3731394	0.0031916	0.0014825
408992.393'	408992.4	3731394	0.29031394	0.000117088	0.290431	408992.3937313!	408992.4	3731394	0.0033588	0.00156
409012.393'	409012.4	3731394	0.30659109	0.000125369	0.3067165	409012.3937313!	409012.4	3731394	0.0035474	0.0016475
409032.393'	409032.4	3731394	0.325885914	0.000134557	0.3260205	409032.3937313!	409032.4	3731394	0.0037708	0.0017512
409072.393'	409072.4	3731394	0.367630402	0.000153948	0.3677843	409072.3937313!	409072.4	3731394	0.0042542	0.0019755
409092.393'	409092.4	3731394	0.3927091	0.000164773	0.3928739	409092.3937313!	409092.4	3731394	0.0045445	0.0021103
409112.393'	409112.4	3731394	0.420348249	0.000176258	0.4205245	409112.3937313!	409112.4	3731394	0.0048643	0.0022588
409132.393'	409132.4	3731394	0.456766086	0.000189231	0.4569553	409132.3937313!	409132.4	3731394	0.0052854	0.0024545
409172.393'	409172.4	3731394	0.555914961	0.000219516	0.5561345	409172.3937313!	409172.4	3731394	0.0064309	0.0029873
409332.393'	409332.4	3731394	2.127871559	0.000531592	2.1284032	409332.3937313!	409332.4	3731394	0.0245662	0.0114344
409412.393'	409412.4	3731394	3.033882407	0.000758285	3.0346407	409412.3937313!	409412.4	3731394	0.0350262	0.0163029
409432.393'	409432.4	3731394	3.090715265	0.000803308	3.0915186	409432.3937313!	409432.4	3731394	0.0356872	0.0166083
409452.393'	409452.4	3731394	3.071671914	0.000843195	3.0725151	409452.3937313!	409452.4	3731394	0.0354745	0.016506
409472.393'	409472.4	3731394	2.98527957	0.000877581	2.9861572	409472.3937313!	409472.4	3731394	0.034486	0.0160418
409492.393'	409492.4	3731394	2.847929687	0.000906298	2.848836	409492.3937313!	409492.4	3731394	0.0329104	0.0153037
409532.393'	409532.4	3731394	2.482585402	0.000950986	2.4835364	409532.3937313!	409532.4	3731394	0.0287142	0.0133405
409552.393'	409552.4	3731394	2.288174051	0.000967913	2.289142	409552.3937313!	409552.4	3731394	0.0264802	0.0122958
409572.393'	409572.4	3731394	2.100735355	0.000981251	2.1017166	409572.3937313!	409572.4	3731394	0.0243259	0.0112886
408852.393'	408852.4	3731414	0.196766051	7.2873E-05	0.1968389	408852.3937314!	408852.4	3731414	0.0022754	0.0010573
408872.393'	408872.4	3731414	0.205750489	7.74965E-05	0.205828	408872.3937314!	408872.4	3731414	0.0023796	0.0011056

408892.393'	408892.4	3731414	0.215077845	8.24158E-05	0.2151603	408892.3937314:	408892.4	3731414	0.0024877	0.0011557
408932.393'	408932.4	3731414	0.234875614	9.32206E-05	0.2349688	408932.3937314:	408932.4	3731414	0.0027172	0.0012621
408952.393'	408952.4	3731414	0.244500165	9.86033E-05	0.2445988	408952.3937314:	408952.4	3731414	0.0028287	0.0013139
408992.393'	408992.4	3731414	0.270401865	0.000112178	0.270514	408992.3937314:	408992.4	3731414	0.0031289	0.001453
409012.393'	409012.4	3731414	0.283775647	0.000118911	0.2838946	409012.3937314:	409012.4	3731414	0.0032839	0.0015249
409032.393'	409032.4	3731414	0.301195855	0.000127153	0.301323	409032.3937314:	409032.4	3731414	0.0034856	0.0016185
409072.393'	409072.4	3731414	0.33875675	0.000144297	0.338901	409072.3937314:	409072.4	3731414	0.0039205	0.0018204
409092.393'	409092.4	3731414	0.361343581	0.00015381	0.3614974	409092.3937314:	409092.4	3731414	0.0041819	0.0019417
409112.393'	409112.4	3731414	0.386010779	0.000163797	0.3861746	409112.3937314:	409112.4	3731414	0.0044672	0.0020743
409132.393'	409132.4	3731414	0.41858794	0.000175232	0.4187632	409132.3937314:	409132.4	3731414	0.0048439	0.0022493
409172.393'	409172.4	3731414	0.509003849	0.000201633	0.5092055	409172.3937314:	409172.4	3731414	0.0058883	0.0027352
409192.393'	409192.4	3731414	0.576032786	0.000218077	0.5762509	409192.3937314:	409192.4	3731414	0.0066621	0.0030954
409212.393'	409212.4	3731414	0.665762861	0.000237862	0.6660007	409212.3937314:	409212.4	3731414	0.0076976	0.0035776
409232.393'	409232.4	3731414	0.784000808	0.000262074	0.7842629	409232.3937314:	409232.4	3731414	0.0090618	0.0042129
409252.393'	409252.4	3731414	0.935021667	0.000291699	0.9353134	409252.3937314:	409252.4	3731414	0.0108041	0.0050245
409272.393'	409272.4	3731414	1.123420532	0.000327416	1.1237479	409272.3937314:	409272.4	3731414	0.0129773	0.0060368
409292.393'	409292.4	3731414	1.348100066	0.000369294	1.3484694	409292.3937314:	409292.4	3731414	0.0155569	0.0072442
409332.393'	409332.4	3731414	1.853720463	0.000467424	1.8541879	409332.3937314:	409332.4	3731414	0.0214019	0.0099612
409412.393'	409412.4	3731414	2.68575258	0.000669648	2.6864222	409412.3937314:	409412.4	3731414	0.0310067	0.0144322
409432.393'	409432.4	3731414	2.7642121	0.000712966	2.7649251	409432.3937314:	409432.4	3731414	0.0319163	0.0148538
409452.393'	409452.4	3731414	2.776054183	0.000751453	2.7768056	409452.3937314:	409452.4	3731414	0.0320587	0.0149175
409472.393'	409472.4	3731414	2.725210951	0.000784262	2.7259952	409472.3937314:	409472.4	3731414	0.031479	0.0146443
409492.393'	409492.4	3731414	2.627662358	0.000812644	2.628475	409492.3937314:	409492.4	3731414	0.0303613	0.0141201
409532.393'	409532.4	3731414	2.333164825	0.000857075	2.3340219	409532.3937314:	409532.4	3731414	0.0269801	0.0125375
409552.393'	409552.4	3731414	2.167215625	0.000874022	2.1680896	409552.3937314:	409552.4	3731414	0.0250736	0.0116458
409572.393'	409572.4	3731414	2.001837954	0.000887952	2.0027259	409572.3937314:	409572.4	3731414	0.0231731	0.0107571
409592.393'	409592.4	3731414	1.844118773	0.000899052	1.8450178	409592.3937314:	409592.4	3731414	0.0213603	0.0099096
409612.393'	409612.4	3731414	1.697235785	0.000907688	1.6981435	409612.3937314:	409612.4	3731414	0.0196718	0.0091203
409632.393'	409632.4	3731414	1.563063605	0.000913564	1.5639772	409632.3937314:	409632.4	3731414	0.0181291	0.0083993
409652.393'	409652.4	3731414	1.441487927	0.000916886	1.4424048	409652.3937314:	409652.4	3731414	0.0167309	0.007746
409672.393'	409672.4	3731414	1.331640027	0.000917231	1.3325573	409672.3937314:	409672.4	3731414	0.0154671	0.0071557
409692.393'	409692.4	3731414	1.232491152	0.000914175	1.2334053	409692.3937314:	409692.4	3731414	0.0143259	0.0066229
409712.393'	409712.4	3731414	1.142349577	0.000906978	1.1432566	409712.3937314:	409712.4	3731414	0.0132877	0.0061386
409732.393'	409732.4	3731414	1.060072242	0.000894705	1.0609669	409732.3937314:	409732.4	3731414	0.0123391	0.0056964
408852.393'	408852.4	3731434	0.185792692	7.11182E-05	0.1858638	408852.3937314:	408852.4	3731434	0.0021489	0.0009984
408872.393'	408872.4	3731434	0.19361121	7.53671E-05	0.1936866	408872.3937314:	408872.4	3731434	0.0022396	0.0010404
408892.393'	408892.4	3731434	0.201749785	7.98625E-05	0.2018296	408892.3937314:	408892.4	3731434	0.0023339	0.0010841
408932.393'	408932.4	3731434	0.219055687	8.96617E-05	0.2191453	408932.3937314:	408932.4	3731434	0.0025346	0.0011771
408952.393'	408952.4	3731434	0.227880097	9.45515E-05	0.2279746	408952.3937314:	408952.4	3731434	0.0026369	0.0012245
408992.393'	408992.4	3731434	0.25108418	0.000106697	0.2511909	408992.3937314:	408992.4	3731434	0.0029058	0.0013492
409012.393'	409012.4	3731434	0.263566377	0.000112868	0.2636792	409012.3937314:	409012.4	3731434	0.0030504	0.0014163
409032.393'	409032.4	3731434	0.278860496	0.000120144	0.2789806	409032.3937314:	409032.4	3731434	0.0032275	0.0014985
409072.393'	409072.4	3731434	0.313197967	0.000135355	0.3133333	409072.3937314:	409072.4	3731434	0.003625	0.001683
409092.393'	409092.4	3731434	0.333407237	0.000143755	0.333551	409092.3937314:	409092.4	3731434	0.0038588	0.0017916
409112.393'	409112.4	3731434	0.355674012	0.00015242	0.3558264	409112.3937314:	409112.4	3731434	0.0041164	0.0019113
409132.393'	409132.4	3731434	0.385164916	0.000162574	0.3853275	409132.3937314:	409132.4	3731434	0.0044573	0.0020697
409332.393'	409332.4	3731434	1.626023255	0.000413666	1.6264369	409332.3937314:	409332.4	3731434	0.0187736	0.0087376
409412.393'	409412.4	3731434	2.389997682	0.000595622	2.3905933	409412.3937314:	409412.4	3731434	0.0275922	0.0128429
409432.393'	409432.4	3731434	2.481442344	0.000636593	2.4820789	409432.3937314:	409432.4	3731434	0.0286509	0.0133343
409532.393'	409532.4	3731434	2.188933732	0.000774827	2.1897086	409532.3937314:	409532.4	3731434	0.0253076	0.0117625
409552.393'	409552.4	3731434	2.047377395	0.00079063	2.048168	409552.3937314:	409552.4	3731434	0.0236815	0.0110018
409572.393'	409572.4	3731434	1.903512081	0.000804432	1.9043165	409572.3937314:	409572.4	3731434	0.0220285	0.0102288
409592.393'	409592.4	3731434	1.763418859	0.000816656	1.7642355	409592.3937314:	409592.4	3731434	0.0204187	0.0094759
409612.393'	409612.4	3731434	1.630298293	0.000825953	1.6311242	409612.3937314:	409612.4	3731434	0.0188886	0.0087606
409632.393'	409632.4	3731434	1.506893721	0.000833001	1.5077267	409632.3937314:	409632.4	3731434	0.01747	0.0080975
409652.393'	409652.4	3731434	1.393936703	0.000837625	1.3947743	409652.3937314:	409652.4	3731434	0.0161712	0.0074905
409672.393'	409672.4	3731434	1.291084319	0.000839754	1.2919241	409672.3937314:	409672.4	3731434	0.0149882	0.0069378
409692.393'	409692.4	3731434	1.197787903	0.000838581	1.1986265	409692.3937314:	409692.4	3731434	0.0139146	0.0064365
409712.393'	409712.4	3731434	1.112950118	0.000833691	1.1137838	409712.3937314:	409712.4	3731434	0.0129378	0.0059806
409732.393'	409732.4	3731434	1.035405045	0.000824257	1.0362293	409732.3937314:	409732.4	3731434	0.0120441	0.0055639
408852.393'	408852.4	3731454	0.175207972	6.92352E-05	0.1752772	408852.3937314:	408852.4	3731454	0.0020268	0.0009415
408872.393'	408872.4	3731454	0.182066322	7.31293E-05	0.1821395	408872.3937314:	408872.4	3731454	0.0021064	0.0009784
408892.393'	408892.4	3731454	0.189267589	7.72402E-05	0.1893448	408892.3937314:	408892.4	3731454	0.0021899	0.0010171

408932.393'	408932.4	3731454	0.204813181	8.61423E-05	0.2048993	408932.3937314!	408932.4	3731454	0.0023702	0.0011006
408952.393'	408952.4	3731454	0.212997479	9.06673E-05	0.2130881	408952.3937314!	408952.4	3731454	0.002465	0.0011446
408992.393'	408992.4	3731454	0.233984029	0.000101511	0.2340855	408992.3937314!	408992.4	3731454	0.0027082	0.0012573
409012.393'	409012.4	3731454	0.245117416	0.000106684	0.2452243	409012.3937314!	409012.4	3731454	0.0028372	0.0013172
409032.393'	409032.4	3731454	0.258788393	0.000113401	0.2589018	409032.3937314!	409032.4	3731454	0.0029955	0.0013906
409072.393'	409072.4	3731454	0.2899253	0.000127045	0.2900523	409072.3937314!	409072.4	3731454	0.0033559	0.0015579
409092.393'	409092.4	3731454	0.308237094	0.000134448	0.3083715	409092.3937314!	409092.4	3731454	0.0035678	0.0016564
409112.393'	409112.4	3731454	0.329063616	0.000142197	0.3292058	409112.3937314!	409112.4	3731454	0.0038086	0.0017683
409132.393'	409132.4	3731454	0.355811179	0.000151119	0.3559623	409132.3937314!	409132.4	3731454	0.0041178	0.001912
409172.393'	409172.4	3731454	0.42782385	0.000171437	0.4279953	409172.3937314!	409172.4	3731454	0.0049495	0.002299
409192.393'	409192.4	3731454	0.481044644	0.000184026	0.4812287	409192.3937314!	409192.4	3731454	0.0055638	0.002585
409212.393'	409212.4	3731454	0.549993919	0.000198942	0.5501929	409212.3937314!	409212.4	3731454	0.0063595	0.0029555
409232.393'	409232.4	3731454	0.639289631	0.000216943	0.6395066	409232.3937314!	409232.4	3731454	0.0073897	0.0034353
409252.393'	409252.4	3731454	0.750143422	0.000238434	0.7503819	409252.3937314!	409252.4	3731454	0.0086685	0.004031
409272.393'	409272.4	3731454	0.888842113	0.000264549	0.8891067	409272.3937314!	409272.4	3731454	0.0102685	0.0047763
409292.393'	409292.4	3731454	1.056528762	0.000295386	1.0568241	409292.3937314!	409292.4	3731454	0.0122026	0.0056774
409332.393'	409332.4	3731454	1.434355243	0.00036819	1.4347234	409332.3937314!	409332.4	3731454	0.0165612	0.0077077
409412.393'	409412.4	3731454	2.131780818	0.000531572	2.1323124	409412.3937314!	409412.4	3731454	0.0246112	0.0114554
409432.393'	409432.4	3731454	2.222905424	0.000568068	2.2234735	409432.3937314!	409432.4	3731454	0.0256654	0.0119451
409452.393'	409452.4	3731454	2.270410926	0.000602355	2.2710133	409452.3937314!	409452.4	3731454	0.0262175	0.0122003
409472.393'	409472.4	3731454	2.269565062	0.000632404	2.2701975	409472.3937314!	409472.4	3731454	0.0262125	0.0121958
409492.393'	409492.4	3731454	2.228392103	0.000659465	2.2290516	409492.3937314!	409492.4	3731454	0.0257432	0.0119745
409532.393'	409532.4	3731454	2.049572067	0.000701856	2.0502739	409532.3937314!	409532.4	3731454	0.0236926	0.0110136
409552.393'	409552.4	3731454	1.931494148	0.000717747	1.9322119	409552.3937314!	409552.4	3731454	0.0223366	0.0103791
409572.393'	409572.4	3731454	1.80776952	0.000731993	1.8085015	409572.3937314!	409572.4	3731454	0.0209154	0.0097143
409592.393'	409592.4	3731454	1.683976309	0.000744424	1.6847207	409592.3937314!	409592.4	3731454	0.0194932	0.0090491
409612.393'	409612.4	3731454	1.563863746	0.000754144	1.5646179	409612.3937314!	409612.4	3731454	0.0181128	0.0084036
409632.393'	409632.4	3731454	1.450883866	0.000762051	1.4516459	409632.3937314!	409632.4	3731454	0.0168143	0.0077965
409652.393'	409652.4	3731454	1.346225451	0.000767552	1.346993	409652.3937314!	409652.4	3731454	0.015611	0.0072341
409672.393'	409672.4	3731454	1.250185694	0.000771071	1.2509568	409672.3937314!	409672.4	3731454	0.0145067	0.006718
409692.393'	409692.4	3731454	1.162535986	0.000771367	1.1633074	409692.3937314!	409692.4	3731454	0.0134983	0.006247
409712.393'	409712.4	3731454	1.08259049	0.000768252	1.0833587	409712.3937314!	409712.4	3731454	0.012578	0.0058174
409732.393'	409732.4	3731454	1.009571928	0.000761223	1.0103332	409732.3937314!	409732.4	3731454	0.0117368	0.0054251
409072.393'	409072.4	3731474	0.269624585	0.000119355	0.2697439	409072.3937314!	409072.4	3731474	0.0031211	0.0014489
409092.393'	409092.4	3731474	0.286450403	0.00012597	0.2865764	409092.3937314!	409092.4	3731474	0.0033158	0.0015393
409112.393'	409112.4	3731474	0.305402309	0.000132861	0.3055352	409112.3937314!	409112.4	3731474	0.0035349	0.0016411
409132.393'	409132.4	3731474	0.329749451	0.000140718	0.3298902	409132.3937314!	409132.4	3731474	0.0038163	0.0017719
409172.393'	409172.4	3731474	0.394560855	0.000158641	0.3947195	409172.3937314!	409172.4	3731474	0.0045648	0.0021202
409192.393'	409192.4	3731474	0.441494827	0.000169633	0.4416645	409192.3937314!	409192.4	3731474	0.0051065	0.0023724
409212.393'	409212.4	3731474	0.502259805	0.000182646	0.5024425	409212.3937314!	409212.4	3731474	0.0058077	0.002699
409232.393'	409232.4	3731474	0.57982774	0.000198173	0.5800259	409232.3937314!	409232.4	3731474	0.0067026	0.0031158
409252.393'	409252.4	3731474	0.677010554	0.000216785	0.6772273	409252.3937314!	409252.4	3731474	0.0078237	0.003638
409272.393'	409272.4	3731474	0.795248502	0.000238888	0.7954874	409272.3937314!	409272.4	3731474	0.0091876	0.0042734
409292.393'	409292.4	3731474	0.945560665	0.000266323	0.945827	409292.3937314!	409292.4	3731474	0.0109213	0.0050811
409312.393'	409312.4	3731474	1.10456007	0.00029648	1.1048566	409312.3937314!	409312.4	3731474	0.0127554	0.0059355
409332.393'	409332.4	3731474	1.271903802	0.000329476	1.2722333	409332.3937314!	409332.4	3731474	0.014686	0.0068347
409412.393'	409412.4	3731474	1.898254013	0.000473714	1.8987277	409412.3937314!	409412.4	3731474	0.0219152	0.0102005
409432.393'	409432.4	3731474	1.993287878	0.000507863	1.9937957	409432.3937314!	409432.4	3731474	0.023014	0.0107112
409452.393'	409452.4	3731474	2.05002929	0.000539636	2.0505689	409452.3937314!	409452.4	3731474	0.0236719	0.0110161
409472.393'	409472.4	3731474	2.067495221	0.000568748	2.068064	409472.3937314!	409472.4	3731474	0.0238775	0.0111099
409492.393'	409492.4	3731474	2.049091983	0.000595583	2.0496876	409492.3937314!	409492.4	3731474	0.0236701	0.0110111
409532.393'	409532.4	3731474	1.917686004	0.000638171	1.9183242	409532.3937314!	409532.4	3731474	0.0221651	0.0103049
409552.393'	409552.4	3731474	1.821806276	0.000655048	1.8224613	409552.3937314!	409552.4	3731474	0.0210647	0.0097897
409572.393'	409572.4	3731474	1.716141969	0.000669441	1.7168114	409572.3937314!	409572.4	3731474	0.0198513	0.0092219
409592.393'	409592.4	3731474	1.60691132	0.000681528	1.6075928	409592.3937314!	409592.4	3731474	0.0185965	0.0086349
409612.393'	409612.4	3731474	1.498732285	0.00069112	1.4994234	409612.3937314!	409612.4	3731474	0.0173534	0.0080536
409632.393'	409632.4	3731474	1.395514123	0.000699066	1.3962132	409632.3937314!	409632.4	3731474	0.0161672	0.007499
409652.393'	409652.4	3731474	1.298902838	0.000705198	1.299608	409652.3937314!	409652.4	3731474	0.0150566	0.0069798
409672.393'	409672.4	3731474	1.209515681	0.000709654	1.2102253	409672.3937314!	409672.4	3731474	0.0140289	0.0064995
409692.393'	409692.4	3731474	1.127284069	0.00071128	1.1279953	409692.3937314!	409692.4	3731474	0.0130831	0.0060576
409712.393'	409712.4	3731474	1.052070835	0.000709742	1.0527806	409712.3937314!	409712.4	3731474	0.0122175	0.0056534
409732.393'	409732.4	3731474	0.983258727	0.000704862	0.9839636	409732.3937314!	409732.4	3731474	0.0114251	0.0052837
409772.393'	409772.4	3731474	0.861888799	0.000683026	0.8625718	409772.3937314!	409772.4	3731474	0.0100252	0.0046315

409792.393	409792.4	3731474	0.807982171	0.00066535	0.8086475	409792.3937314	409792.4	3731474	0.0094022	0.0043418
408832.393	408832.4	3731494	0.150517913	6.21175E-05	0.15058	408832.3937314	408832.4	3731494	0.0017416	0.0008088
408852.393	408852.4	3731494	0.155707398	6.52229E-05	0.1557726	408852.3937314	408852.4	3731494	0.0018018	0.0008367
408872.393	408872.4	3731494	0.161171217	6.8486E-05	0.1612397	408872.3937314	408872.4	3731494	0.0018652	0.0008661
408892.393	408892.4	3731494	0.167023675	7.1897E-05	0.1670956	408892.3937314	408892.4	3731494	0.0019331	0.0008975
408912.393	408912.4	3731494	0.173356218	7.54854E-05	0.1734317	408912.3937314	408912.4	3731494	0.0020065	0.0009316
408932.393	408932.4	3731494	0.180237429	7.92612E-05	0.1803167	408932.3937314	408932.4	3731494	0.0020863	0.0009685
408952.393	408952.4	3731494	0.187621585	8.32439E-05	0.1877048	408952.3937314	408952.4	3731494	0.0021719	0.0010082
408972.393	408972.4	3731494	0.195622993	8.73943E-05	0.1957104	408972.3937314	408972.4	3731494	0.0022646	0.0010512
408992.393	408992.4	3731494	0.204630292	9.17911E-05	0.2047221	408992.3937314	408992.4	3731494	0.0023689	0.0010996
409012.393	409012.4	3731494	0.21478065	9.6533E-05	0.2148772	409012.3937314	409012.4	3731494	0.0024865	0.0011542
409032.393	409032.4	3731494	0.225662564	0.000101442	0.225764	409032.3937314	409032.4	3731494	0.0026125	0.0012126
409052.393	409052.4	3731494	0.23832765	0.000106736	0.2384344	409052.3937314	409052.4	3731494	0.002759	0.0012807
409072.393	409072.4	3731494	0.251815738	0.000112267	0.251928	409072.3937314	409072.4	3731494	0.0029151	0.0013532
409092.393	409092.4	3731494	0.267178441	0.000118152	0.2672966	409092.3937314	409092.4	3731494	0.0030928	0.0014357
409112.393	409112.4	3731494	0.284575788	0.000124422	0.2847002	409112.3937314	409112.4	3731494	0.0032939	0.0015292
409132.393	409132.4	3731494	0.306682535	0.000131264	0.3068138	409132.3937314	409132.4	3731494	0.0035494	0.001648
409172.393	409172.4	3731494	0.366327315	0.000147274	0.3664746	409172.3937314	409172.4	3731494	0.0042381	0.0019685
409192.393	409192.4	3731494	0.409283445	0.000157063	0.4094405	409192.3937314	409192.4	3731494	0.0047339	0.0021993
409212.393	409212.4	3731494	0.462207043	0.000168529	0.4623756	409212.3937314	409212.4	3731494	0.0053446	0.0024837
409232.393	409232.4	3731494	0.53216221	0.00018234	0.5323445	409232.3937314	409232.4	3731494	0.0061517	0.0028596
409252.393	409252.4	3731494	0.616542771	0.000198567	0.6167413	409252.3937314	409252.4	3731494	0.0071251	0.0033131
409272.393	409272.4	3731494	0.718640736	0.000217574	0.7188583	409272.3937314	409272.4	3731494	0.0083028	0.0038617
409292.393	409292.4	3731494	0.848857935	0.000241273	0.8490992	409292.3937314	409292.4	3731494	0.0098047	0.0045614
409312.393	409312.4	3731494	0.984196034	0.000267378	0.9844634	409312.3937314	409312.4	3731494	0.011366	0.0052887
409332.393	409332.4	3731494	1.132725026	0.000296155	1.1330212	409332.3937314	409332.4	3731494	0.0130794	0.0060868
409412.393	409412.4	3731494	1.70027632	0.00042522	1.7007015	409412.3937314	409412.4	3731494	0.0196297	0.0091366
409432.393	409432.4	3731494	1.79873936	0.00045797	1.7991973	409432.3937314	409432.4	3731494	0.0207678	0.0096657
409452.393	409452.4	3731494	1.860098728	0.000487279	1.860586	409452.3937314	409452.4	3731494	0.0214784	0.0099955
409472.393	409472.4	3731494	1.888743768	0.000514655	1.8892584	409472.3937314	409472.4	3731494	0.0218123	0.0101494
409492.393	409492.4	3731494	1.884514453	0.000539577	1.885054	409492.3937314	409492.4	3731494	0.0217677	0.0101267
409532.393	409532.4	3731494	1.790600785	0.000580667	1.7911815	409532.3937314	409532.4	3731494	0.0206937	0.009622
409552.393	409552.4	3731494	1.713672963	0.000597535	1.7142705	409552.3937314	409552.4	3731494	0.0198114	0.0092086
409572.393	409572.4	3731494	1.625497448	0.000612401	1.6261098	409572.3937314	409572.4	3731494	0.0187993	0.0087348
409592.393	409592.4	3731494	1.531515197	0.000625345	1.5321405	409592.3937314	409592.4	3731494	0.0177201	0.0082298
409612.393	409612.4	3731494	1.435132523	0.000635263	1.4357678	409612.3937314	409612.4	3731494	0.0166128	0.0077119
409632.393	409632.4	3731494	1.340784493	0.000642607	1.3414271	409632.3937314	409632.4	3731494	0.0155285	0.0072049
409652.393	409652.4	3731494	1.252037449	0.000649281	1.2526867	409652.3937314	409652.4	3731494	0.0145085	0.006728
409672.393	409672.4	3731494	1.169234308	0.000654624	1.1698889	409672.3937314	409672.4	3731494	0.0135567	0.006283
409692.393	409692.4	3731494	1.092306486	0.000657345	1.0929638	409692.3937314	409692.4	3731494	0.0126721	0.0058696
409712.393	409712.4	3731494	1.021482595	0.000657059	1.0221397	409712.3937314	409712.4	3731494	0.0118572	0.0054891
409732.393	409732.4	3731494	0.956534024	0.000653826	0.9571878	409732.3937314	409732.4	3731494	0.0111094	0.0051401
409752.393	409752.4	3731494	0.89682066	0.000647221	0.8974679	409752.3937314	409752.4	3731494	0.0104214	0.0048192
409772.393	409772.4	3731494	0.841770973	0.000636791	0.8424078	409772.3937314	409772.4	3731494	0.0097864	0.0045234
409792.393	409792.4	3731494	0.790836297	0.000622358	0.7914587	409792.3937314	409792.4	3731494	0.0091981	0.0042497
408832.393	408832.4	3731514	0.14221931	6.02937E-05	0.1422796	408832.3937315	408832.4	3731514	0.0016459	0.0007642
408852.393	408852.4	3731514	0.146882988	6.31428E-05	0.1469461	408852.3937315	408852.4	3731514	0.0017	0.0007893
408872.393	408872.4	3731514	0.151889583	6.61298E-05	0.1519557	408872.3937315	408872.4	3731514	0.0017581	0.0008162
408892.393	408892.4	3731514	0.157261957	6.92451E-05	0.1573312	408892.3937315	408892.4	3731514	0.0018204	0.0008451
408912.393	408912.4	3731514	0.163068693	7.25082E-05	0.1631412	408912.3937315	408912.4	3731514	0.0018877	0.0008763
408932.393	408932.4	3731514	0.169378375	7.59488E-05	0.1694543	408932.3937315	408932.4	3731514	0.0019608	0.0009102
408952.393	408952.4	3731514	0.176008113	7.94879E-05	0.1760876	408952.3937315	408952.4	3731514	0.0020377	0.0009458
408972.393	408972.4	3731514	0.183437992	8.31454E-05	0.1835211	408972.3937315	408972.4	3731514	0.0021237	0.0009857
408992.393	408992.4	3731514	0.191805178	8.71183E-05	0.1918923	408992.3937315	408992.4	3731514	0.0022206	0.0010307
409012.393	409012.4	3731514	0.201269701	9.15052E-05	0.2013612	409012.3937315	409012.4	3731514	0.0023302	0.0010815
409032.393	409032.4	3731514	0.211282891	9.59218E-05	0.2113788	409032.3937315	409032.4	3731514	0.0024461	0.0011354
409052.393	409052.4	3731514	0.22303353	0.000100723	0.2231343	409052.3937315	409052.4	3731514	0.0025821	0.0011985
409072.393	409072.4	3731514	0.235401421	0.000105682	0.2355071	409072.3937315	409072.4	3731514	0.0027252	0.001265
409092.393	409092.4	3731514	0.249598205	0.000110946	0.2497092	409092.3937315	409092.4	3731514	0.0028894	0.0013412
409112.393	409112.4	3731514	0.265463853	0.000116555	0.2655804	409112.3937315	409112.4	3731514	0.0030728	0.0014265
409132.393	409132.4	3731514	0.285673124	0.000122668	0.2857958	409132.3937315	409132.4	3731514	0.0033063	0.0015351
409312.393	409312.4	3731514	0.884955715	0.000242466	0.8851982	409312.3937315	409312.4	3731514	0.0102202	0.0047554
409332.393	409332.4	3731514	1.014944302	0.000267763	1.0152121	409332.3937315	409332.4	3731514	0.0117198	0.0054539

409412.393`	409412.4	3731514	1.529892054	0.000383805	1.5302759	409412.3937315:	409412.4	3731514	0.0176628	0.0082211
409532.393`	409532.4	3731514	1.670785417	0.000529798	1.6713152	409532.3937315:	409532.4	3731514	0.0193071	0.0089782
409552.393`	409552.4	3731514	1.609083131	0.000545749	1.6096289	409552.3937315:	409552.4	3731514	0.0185998	0.0086466
409572.393`	409572.4	3731514	1.537184766	0.000561118	1.5377459	409572.3937315:	409572.4	3731514	0.0177751	0.0082603
409592.393`	409592.4	3731514	1.457490743	0.000574683	1.4580654	409592.3937315:	409592.4	3731514	0.0168603	0.007832
409612.393`	409612.4	3731514	1.37231004	0.000584729	1.3728948	409612.3937315:	409612.4	3731514	0.0158819	0.0073743
409632.393`	409632.4	3731514	1.287129338	0.000592329	1.2877217	409632.3937315:	409632.4	3731514	0.0149031	0.0069165
409652.393`	409652.4	3731514	1.205949339	0.000599299	1.2065486	409652.3937315:	409652.4	3731514	0.0139703	0.0064803
409672.393`	409672.4	3731514	1.129478741	0.000605264	1.130084	409672.3937315:	409672.4	3731514	0.0130914	0.0060694
409692.393`	409692.4	3731514	1.057694681	0.000608704	1.0583034	409692.3937315:	409692.4	3731514	0.0122661	0.0056837
409712.393`	409712.4	3731514	0.991122967	0.000609512	0.9917325	409712.3937315:	409712.4	3731514	0.0115003	0.0053259
409732.393`	409732.4	3731514	0.929763599	0.00060763	0.9303712	409732.3937315:	409732.4	3731514	0.0107941	0.0049962
409752.393`	409752.4	3731514	0.873319382	0.000602799	0.8739222	409752.3937315:	409752.4	3731514	0.0101439	0.0046929
409772.393`	409772.4	3731514	0.821218786	0.000594626	0.8218134	409772.3937315:	409772.4	3731514	0.0095432	0.0044129
409792.393`	409792.4	3731514	0.772981727	0.000582895	0.7735646	409792.3937315:	409792.4	3731514	0.0089863	0.0041537

8550 Warner Construction Health Risk Assessment

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL ¹	CONC	WFrac	CONC _{WF}	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK	
Project:																					
MEI - Max	DPM	5.00E+00	6.16E-01	1.00E+00	6.16E-01	0.123		-	-	-	-	-	-	-	-	-	-	-	1.23E-01	-	
							Total Risk														
							Threshold				1.00			1.00				1.00	1.00		
							Over?				NO			NO				NO	NO		

Notes:

- CARB, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," <http://www.arb.ca.gov/toxics/healthval/healthval.htm>. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

CONC _{WF}	Pollutant Concentration (µg/m ³) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

8550 Warner Mitigated Construction Health Risk Assessment

Construction Modeling Assumptions

Hisamatsu Tamura Elementary School 375 m
Ocean View Preparatory Preschool 430 m

AERMOD Sources

<u>PolyArea [1]</u>		
Offroad Construction Exhaust		
Release Height	5	m
Emissions rate	1	g/s
Init Vert Dimension	1.4	m
SCAQMD LST Guidance, 2008		
<u>Line Volume [2]</u>		
Onroad Hauling Exhaust		
Vehicle Height	4	m
Plume Height	6.8	m
Plume Width	24	m
Release Height	3.4	m
Emissions rate	1	g/s

[\[1\] SCAQMD, Final Localized Significance Threshold Methodology](#)

[\[2\] BAAQMD, CEQA AQ Guidelines, Appendix E, Table 11, Recommended Volume Source Configuration for Construction Projects](#)

Meteorology:

John Wayne Airport

8550 Warner Mitigated Construction Health Risk Assessment

Health Risk Assessment Results Summary

Scenario	Excess Cancer Risk (per million)	Chronic Health Risk ¹
Residences along Alberni Street	8.59	0.014
Significance Threshold	>10	>1
Threshold Exceeded?	No	No

PM_{2.5} = particulate matter less than 2.5 microns in size; µg/m³ = micrograms per cubic meter

¹ Noncancer health impacts are determined by dividing the airborne concentration at the receptor by the appropriate Reference Exposure Level (REL) for that substance. A REL is defined as the concentration at which no adverse noncancer health effects are anticipated. Because noncancer health impacts are assessed as the ratio of airborne concentration versus the REL, the resulting hazard index is unitless.

² There is no acute reference exposure level for diesel exhaust to calculate acute health risk. Furthermore, except for unusual circumstances of high exposure, Office of Environmental Health Hazard Assessment does not recommend acute analysis for DPM.

Source: BAAQMD 2024, Rincon Consultants 2024. For health risk calculations, see Appendix A.

8550 Warner Mitigated Construction Health Risk Assessment

Health Risk Assessment Risk Factors

Residential Risk	Abbreviation	UOM	3rd Trimester	0<2	2<16	16<30
Daily Breathing Rate (95th %'ile)	DBR	L/kg-day	361	1090	572	261
Fraction Of Time At Home	FAH	unitless	1	1	1	0.73
Exposure Frequency	EF	days/year	0.96	0.96	0.96	0.96
Age Sensitivity Factor	ASF	unitless	10	10	3	1
Inhalation Absorption Factor	A	unitless	1	1	1	1
Conversion Factor	CF ₁	m ³ /L	0.001	0.001	0.001	0.001
Conversion Factor	CF ₂	µg/m ³	0.001	0.001	0.001	0.001
Cancer Potency Factor (diesel exhaust)	CPF	mg/kg-day ⁻¹	1.1	1.1	1.1	1.1
Averaging Time (for residential exposure)	AT	years	70.00	70.00	70.00	70.00

8550 Warner Mitigated Construction Health Risk Assessment

Health Risk Assessment Exposure Duration Assumptions for Offroad Equipment Residential Receptors

		Start Date	3/15/2026	6/14/2026	6/14/2028		
		End Date	6/13/2026	6/13/2028	6/11/2042		
		3/15/2026	9/14/2027	Days	90	730	5110
Phase		Start Date	End Date	Duration (days)	3rd Trimester	0<2	2<16
Demolition	3.2. Demolition (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Site Preparation	3.4. Site Preparation (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Grading	3.6. Grading (2026) - Mitigated	3/15/2026	4/25/2026	42	42	0	0
Building Construction	3.8. Building Construction (2026) - Mitigated	4/26/2026	12/31/2026	250	49	201	0
Building Construction	3.10. Building Construction (2027) - Mitigated	1/1/2027	9/14/2027	257	0	257	0
Asphalt Paving	3.14. Paving (2027) - Mitigated	6/25/2027	8/13/2027	50	0	50	0
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	5/12/2027	6/24/2027	44	0	44	0

Intake Factor for Inhalation, IF (m³/kg-day)

Phase		Year	Equation	3rd Trimester	0<2	2<16
Demolition	3.2. Demolition (2026) - Mitigated	2026		0.005690373	0	
Site Preparation	3.4. Site Preparation (2026) - Mitigated	2026	$DBR \cdot FAH \cdot EF \cdot ED \cdot ASF \cdot A \cdot CF_1$	0.005690373	0	
Grading	3.6. Grading (2026) - Mitigated	2026	AT	0.005690373	0	
Building Construction	3.8. Building Construction (2026) - Mitigated	2026		0.006638769	0.082225558	
Building Construction	3.10. Building Construction (2027) - Mitigated	2027		0	0.105134172	
Asphalt Paving	3.14. Paving (2027) - Mitigated	2027		0	0.020454119	
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	2027		0	0.017999625	

Risk Calculation Part 1, R1

Equation	3rd Trimester	0<2
$IF \cdot CPF \cdot CF_2$	6.25941E-06	0
	6.25941E-06	0
	6.25941E-06	0
	7.30265E-06	9.04481E-05
	0	0.000115648
	0	2.24995E-05
	0	1.97996E-05

8550 Warner Mitigated Construction Health Risk Assessment

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations
Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)
Demolition 3.2. Demolition (2026) - Mitigated	2026	0.050	8	0.000787483
Site Preparation 3.4. Site Preparation (2026) - Mitigated	2026	0.010	8	0.000157497
Grading 3.6. Grading (2026) - Mitigated	2026	0.020	8	0.000314993
Building Construction 3.8. Building Construction (2026) - Mitigated	2026	0.100	8	0.001574965
Building Construction 3.10. Building Construction (2027) - Mitigated	2027	0.100	8	0.001574965
Asphalt Paving 3.14. Paving (2027) - Mitigated	2027	0.040	8	0.000629986
Architectural Coating 3.16. Architectural Coating (2027) - Mitigated	2027	0.030	8	0.00047249

Max Offroad Risk
8.57

AERMOD Column Identifier: 4 4 4 4 4 4 4 4

Unique Identifier	X (UTM)	Y (UTM)	Demolition	Site Preparation	Grading	Building Construction	Building Construction	Asphalt Paving	Architectural Coating	Child Risk				
			2026	2026	2026	2026	2027	2027	2027	3rd Trimester	0<2	Total	per million	
408826.883730582.4:		408826.88	3730582.43	6.96135E-05	1.39227E-05	2.78454E-05	0.000139227	0.000139227	5.56908E-05	4.17681E-05	1.71391E-09	3.07741E-08	3.2488E-08	0.032488
408846.883730582.4:		408846.88	3730582.43	7.2031E-05	1.44062E-05	2.88124E-05	0.000144062	0.000144062	5.76248E-05	4.32186E-05	1.77343E-09	3.18428E-08	3.36162E-08	0.0336162
408866.883730582.4:		408866.88	3730582.43	7.43462E-05	1.48692E-05	2.97385E-05	0.000148692	0.000148692	5.9477E-05	4.46077E-05	1.83043E-09	3.28663E-08	3.46967E-08	0.0346967
409066.883730582.4:		409066.88	3730582.43	8.46938E-05	1.69388E-05	3.38775E-05	0.000169388	0.000169388	6.7755E-05	5.08163E-05	2.08519E-09	3.74406E-08	3.95258E-08	0.0395258
409086.883730582.4:		409086.88	3730582.43	8.42213E-05	1.68443E-05	3.36885E-05	0.000168443	0.000168443	6.7377E-05	5.05328E-05	2.07356E-09	3.72318E-08	3.93053E-08	0.0393053
409106.883730582.4:		409106.88	3730582.43	8.35677E-05	1.67135E-05	3.34271E-05	0.000167135	0.000167135	6.68541E-05	5.01406E-05	2.05746E-09	3.69428E-08	3.90003E-08	0.0390003
409126.883730582.4:		409126.88	3730582.43	8.28117E-05	1.65623E-05	3.31247E-05	0.000165623	0.000165623	6.62493E-05	4.9687E-05	2.03885E-09	3.66086E-08	3.86475E-08	0.0386475
409175.153730584.0:		409175.15	3730584.08	8.15281E-05	1.63056E-05	3.26112E-05	0.000163056	0.000163056	6.52225E-05	4.89168E-05	2.00725E-09	3.60412E-08	3.80484E-08	0.0380484
409235.153730584.0:		409235.15	3730584.08	7.93625E-05	1.58725E-05	3.1745E-05	0.000158725	0.000158725	6.349E-05	4.76175E-05	1.95393E-09	3.50838E-08	3.70378E-08	0.0370378
409275.153730584.0:		409275.15	3730584.08	7.80789E-05	1.56158E-05	3.12316E-05	0.000156158	0.000156158	6.24631E-05	4.68473E-05	1.92233E-09	3.45164E-08	3.64387E-08	0.0364387
409315.153730584.0:		409315.15	3730584.08	7.66536E-05	1.53307E-05	3.06614E-05	0.000153307	0.000153307	6.13228E-05	4.59921E-05	1.88724E-09	3.38863E-08	3.57735E-08	0.0357735
409335.153730584.0:		409335.15	3730584.08	7.58031E-05	1.51606E-05	3.03212E-05	0.000151606	0.000151606	6.06425E-05	4.54818E-05	1.8663E-09	3.35103E-08	3.53766E-08	0.0353766
409428.523730594		409428.52	3730594	7.28185E-05	1.45637E-05	2.91274E-05	0.000145637	0.000145637	5.82548E-05	4.36911E-05	1.79282E-09	3.21909E-08	3.39838E-08	0.0339838
409472.393730594		409472.39	3730594	6.82747E-05	1.36549E-05	2.73099E-05	0.000136549	0.000136549	5.46198E-05	4.09648E-05	1.68095E-09	3.01823E-08	3.18632E-08	0.0318632
409523.353730595.2:		409523.35	3730595.29	6.2534E-05	1.25068E-05	2.50136E-05	0.000125068	0.000125068	5.00272E-05	3.75204E-05	1.53961E-09	2.76445E-08	2.91841E-08	0.0291841
409572.393730594		409572.39	3730594	5.61081E-05	1.12216E-05	2.24433E-05	0.000112216	0.000112216	4.48865E-05	3.36649E-05	1.3814E-09	2.48038E-08	2.61852E-08	0.0261852
409592.393730594		409592.39	3730594	5.36354E-05	1.07271E-05	2.14542E-05	0.000107271	0.000107271	4.29084E-05	3.21813E-05	1.32052E-09	2.37107E-08	2.50312E-08	0.0250312
409612.393730594		409612.39	3730594	5.12021E-05	1.02404E-05	2.04808E-05	0.000102404	0.000102404	4.09617E-05	3.07213E-05	1.26061E-09	2.2635E-08	2.38956E-08	0.0238956
409632.393730594		409632.39	3730594	4.88475E-05	9.76951E-06	1.9539E-05	9.76951E-05	9.76951E-05	3.9078E-05	2.93085E-05	1.20264E-09	2.15941E-08	2.27967E-08	0.0227967
409652.393730594		409652.39	3730594	4.65638E-05	9.31277E-06	1.86255E-05	9.31277E-05	9.31277E-05	3.72511E-05	2.79383E-05	1.14642E-09	2.05845E-08	2.17309E-08	0.0217309
409672.393730594		409672.39	3730594	4.43746E-05	8.87493E-06	1.77499E-05	8.87493E-05	8.87493E-05	3.54997E-05	2.66248E-05	1.09252E-09	1.96167E-08	2.07093E-08	0.0207093
409692.393730594		409692.39	3730594	4.22878E-05	8.45756E-06	1.69151E-05	8.45756E-05	8.45756E-05	3.38303E-05	2.53727E-05	1.04114E-09	1.86942E-08	1.97353E-08	0.0197353
409712.393730594		409712.39	3730594	4.03034E-05	8.06067E-06	1.61213E-05	8.06067E-05	8.06067E-05	3.22427E-05	2.4182E-05	9.92283E-10	1.78169E-08	1.88092E-08	0.0188092
409732.393730594		409732.39	3730594	3.84213E-05	7.68426E-06	1.53685E-05	7.68426E-05	7.68426E-05	3.0737E-05	2.30528E-05	9.45945E-10	1.69849E-08	1.79309E-08	0.0179309
409752.393730594		409752.39	3730594	3.66494E-05	7.32989E-06	1.46598E-05	7.32989E-05	7.32989E-05	2.93196E-05	2.19897E-05	9.02322E-10	1.62016E-08	1.7104E-08	0.017104
409772.393730594		409772.39	3730594	3.498E-05	6.996E-06	1.3992E-05	6.996E-05	6.996E-05	2.7984E-05	2.0988E-05	8.61219E-10	1.54636E-08	1.63248E-08	0.0163248
408826.883730602.4:		408826.88	3730602.43	7.3165E-05	1.4633E-05	2.9266E-05	0.00014633	0.00014633	5.8532E-05	4.3899E-05	1.80135E-09	3.23441E-08	3.41455E-08	0.0341455
408846.883730602.4:		408846.88	3730602.43	7.60157E-05	1.52031E-05	3.04063E-05	0.000152031	0.000152031	6.08126E-05	4.56094E-05	1.87153E-09	3.36043E-08	3.54759E-08	0.0354759
408866.883730602.4:		408866.88	3730602.43	7.87955E-05	1.57591E-05	3.15182E-05	0.000157591	0.000157591	6.30364E-05	4.72773E-05	1.93997E-09	3.48332E-08	3.67732E-08	0.0367732
408906.883730602.4:		408906.88	3730602.43	8.40008E-05	1.68002E-05	3.36003E-05	0.000168002	0.000168002	6.72006E-05	5.04005E-05	2.06813E-09	3.71343E-08	3.92024E-08	0.0392024
408926.883730602.4:		408926.88	3730602.43	8.63081E-05	1.72616E-05	3.45232E-05	0.000172616	0.000172616	6.90465E-05	5.17849E-05	2.12494E-09	3.81543E-08	4.02792E-08	0.0402792
408946.883730602.4:		408946.88	3730602.43	8.83556E-05	1.76711E-05	3.53422E-05	0.000176711	0.000176711	7.06844E-05	5.30133E-05	2.17534E-09	3.90594E-08	4.12348E-08	0.0412348

8550 Warner Mitigated Construction Health Risk Assessment

Offroad DPM Emissions, Ground Level Concentrations and Health Risk Calculations
Residential Receptors

Phase	Year	Emissions (lbs/day)	Work Hours Per Day	Emissions (g/s)	
Demolition	3.2. Demolition (2026) - Mitigated	2026	0.010	8	0.000157497
Site Preparation	3.4. Site Preparation (2026) - Mitigated	2026	0.000	8	0
Grading	3.6. Grading (2026) - Mitigated	2026	0.0000	8	0
Building Construction	3.8. Building Construction (2026) - Mitigated	2026	0.000	8	0
Building Construction	3.10. Building Construction (2027) - Mitigated	2027	0.000	8	0
Asphalt Paving	3.14. Paving (2027) - Mitigated	2027	0.000	8	0
Architectural Coating	3.16. Architectural Coating (2027) - Mitigated	2027	0.000	8	0

Max Haul Cancer Risk
0.01498

AERMOD Column Identifier: 5 5 5 5 5 5 5 5

MAX: 0.01498185

Unique Identifier	X (UTM)	Y (UTM)	Demolition 2026	Site Preparation 2026	Grading 2026	Building Construction 2026	Building Construction 2027	Asphalt Paving 2027	Architectural Coating 2027	Child Risk			
										3rd Trimester	0-2	Total per million	
408826.883730582.43	408826.88	3730582.43	9.0088E-06	0	0	0	0	0	0	5.63898E-11	0	5.63898E-11	5.63898E-05
408846.883730582.43	408846.88	3730582.43	9.30962E-06	0	0	0	0	0	0	5.82727E-11	0	5.82727E-11	5.82727E-05
408866.883730582.43	408866.88	3730582.43	9.61044E-06	0	0	0	0	0	0	6.01557E-11	0	6.01557E-11	6.01557E-05
409066.883730582.43	409066.88	3730582.43	1.24218E-05	0	0	0	0	0	0	7.77528E-11	0	7.77528E-11	7.77528E-05
409086.883730582.43	409086.88	3730582.43	1.26611E-05	0	0	0	0	0	0	7.92513E-11	0	7.92513E-11	7.92513E-05
409106.883730582.43	409106.88	3730582.43	1.28911E-05	0	0	0	0	0	0	8.06906E-11	0	8.06906E-11	8.06906E-05
409126.883730582.43	409126.88	3730582.43	1.31084E-05	0	0	0	0	0	0	8.20511E-11	0	8.20511E-11	8.20511E-05
409175.153730584.08	409175.15	3730584.08	1.36738E-05	0	0	0	0	0	0	8.55902E-11	0	8.55902E-11	8.55902E-05
409235.153730584.08	409235.15	3730584.08	1.41637E-05	0	0	0	0	0	0	8.86562E-11	0	8.86562E-11	8.86562E-05
409275.153730584.08	409275.15	3730584.08	1.44078E-05	0	0	0	0	0	0	9.01842E-11	0	9.01842E-11	9.01842E-05
409315.153730584.08	409315.15	3730584.08	1.4581E-05	0	0	0	0	0	0	9.12686E-11	0	9.12686E-11	9.12686E-05
409335.153730584.08	409335.15	3730584.08	1.46377E-05	0	0	0	0	0	0	9.16235E-11	0	9.16235E-11	9.16235E-05
409428.523730594	409428.52	3730594	1.53102E-05	0	0	0	0	0	0	9.58331E-11	0	9.58331E-11	9.58331E-05
409472.393730594	409472.39	3730594	1.51638E-05	0	0	0	0	0	0	9.49162E-11	0	9.49162E-11	9.49162E-05
409523.353730595.29	409523.35	3730595.29	1.49496E-05	0	0	0	0	0	0	9.35755E-11	0	9.35755E-11	9.35755E-05
409572.393730594	409572.39	3730594	1.44535E-05	0	0	0	0	0	0	9.04701E-11	0	9.04701E-11	9.04701E-05
409592.393730594	409592.39	3730594	1.42519E-05	0	0	0	0	0	0	8.92083E-11	0	8.92083E-11	8.92083E-05
409612.393730594	409612.39	3730594	1.40282E-05	0	0	0	0	0	0	8.78084E-11	0	8.78084E-11	8.78084E-05
409632.393730594	409632.39	3730594	1.37841E-05	0	0	0	0	0	0	8.62803E-11	0	8.62803E-11	8.62803E-05
409652.393730594	409652.39	3730594	1.35242E-05	0	0	0	0	0	0	8.46537E-11	0	8.46537E-11	8.46537E-05
409672.393730594	409672.39	3730594	1.32455E-05	0	0	0	0	0	0	8.29088E-11	0	8.29088E-11	8.29088E-05
409692.393730594	409692.39	3730594	1.29509E-05	0	0	0	0	0	0	8.10653E-11	0	8.10653E-11	8.10653E-05
409712.393730594	409712.39	3730594	1.26422E-05	0	0	0	0	0	0	7.9133E-11	0	7.9133E-11	7.9133E-05
409732.393730594	409732.39	3730594	1.23225E-05	0	0	0	0	0	0	7.71318E-11	0	7.71318E-11	7.71318E-05
409752.393730594	409752.39	3730594	1.19902E-05	0	0	0	0	0	0	7.50517E-11	0	7.50517E-11	7.50517E-05
409772.393730594	409772.39	3730594	1.16516E-05	0	0	0	0	0	0	7.29321E-11	0	7.29321E-11	7.29321E-05
408826.883730602.43	408826.88	3730602.43	9.36159E-06	0	0	0	0	0	0	5.85981E-11	0	5.85981E-11	5.85981E-05
408846.883730602.43	408846.88	3730602.43	9.69549E-06	0	0	0	0	0	0	6.0688E-11	0	6.0688E-11	6.0688E-05
408866.883730602.43	408866.88	3730602.43	1.00341E-05	0	0	0	0	0	0	6.28076E-11	0	6.28076E-11	6.28076E-05
408906.883730602.43	408906.88	3730602.43	1.07145E-05	0	0	0	0	0	0	6.70664E-11	0	6.70664E-11	6.70664E-05
408926.883730602.43	408926.88	3730602.43	1.10547E-05	0	0	0	0	0	0	6.91958E-11	0	6.91958E-11	6.91958E-05
408946.883730602.43	408946.88	3730602.43	1.13917E-05	0	0	0	0	0	0	7.13055E-11	0	7.13055E-11	7.13055E-05
408966.883730602.43	408966.88	3730602.43	1.1724E-05	0	0	0	0	0	0	7.33856E-11	0	7.33856E-11	7.33856E-05
408986.883730602.43	408986.88	3730602.43	1.20516E-05	0	0	0	0	0	0	7.54361E-11	0	7.54361E-11	7.54361E-05

409006.883730602.43	409006.88	3730602.43	1.23714E-05	0	0	0	0	0	0	7.74374E-11	0	7.74374E-11	7.74374E-05
409026.883730602.43	409026.88	3730602.43	1.26832E-05	0	0	0	0	0	0	7.93893E-11	0	7.93893E-11	7.93893E-05
409046.883730602.43	409046.88	3730602.43	1.29856E-05	0	0	0	0	0	0	8.12821E-11	0	8.12821E-11	8.12821E-05
409066.883730602.43	409066.88	3730602.43	1.32801E-05	0	0	0	0	0	0	8.31256E-11	0	8.31256E-11	8.31256E-05
409086.883730602.43	409086.88	3730602.43	1.35636E-05	0	0	0	0	0	0	8.49002E-11	0	8.49002E-11	8.49002E-05
409106.883730602.43	409106.88	3730602.43	1.38361E-05	0	0	0	0	0	0	8.66056E-11	0	8.66056E-11	8.66056E-05
409126.883730602.43	409126.88	3730602.43	1.40975E-05	0	0	0	0	0	0	8.82421E-11	0	8.82421E-11	8.82421E-05
409175.153730604.08	409175.15	3730604.08	1.47732E-05	0	0	0	0	0	0	9.24714E-11	0	9.24714E-11	9.24714E-05
409235.153730604.08	409235.15	3730604.08	1.5378E-05	0	0	0	0	0	0	9.6257E-11	0	9.6257E-11	9.6257E-05
409275.153730604.08	409275.15	3730604.08	1.56867E-05	0	0	0	0	0	0	9.81892E-11	0	9.81892E-11	9.81892E-05
409315.153730604.08	409315.15	3730604.08	1.59103E-05	0	0	0	0	0	0	9.95891E-11	0	9.95891E-11	9.95891E-05
409335.153730604.08	409335.15	3730604.08	1.59859E-05	0	0	0	0	0	0	1.00062E-10	0	1.00062E-10	0.000100062
409428.523730614	409428.52	3730614	1.67781E-05	0	0	0	0	0	0	1.05021E-10	0	1.05021E-10	0.000105021
409572.393730614	409572.39	3730614	1.57749E-05	0	0	0	0	0	0	9.87413E-11	0	9.87413E-11	9.87413E-05
409592.393730614	409592.39	3730614	1.55386E-05	0	0	0	0	0	0	9.72625E-11	0	9.72625E-11	9.72625E-05
409612.393730614	409612.39	3730614	1.52772E-05	0	0	0	0	0	0	9.5626E-11	0	9.5626E-11	9.5626E-05
409632.393730614	409632.39	3730614	1.49937E-05	0	0	0	0	0	0	9.38515E-11	0	9.38515E-11	9.38515E-05
409652.393730614	409652.39	3730614	1.46913E-05	0	0	0	0	0	0	9.19587E-11	0	9.19587E-11	9.19587E-05
409672.393730614	409672.39	3730614	1.43684E-05	0	0	0	0	0	0	8.99378E-11	0	8.99378E-11	8.99378E-05
409692.393730614	409692.39	3730614	1.40282E-05	0	0	0	0	0	0	8.78084E-11	0	8.78084E-11	8.78084E-05
409712.393730614	409712.39	3730614	1.36707E-05	0	0	0	0	0	0	8.55705E-11	0	8.55705E-11	8.55705E-05
409732.393730614	409732.39	3730614	1.33006E-05	0	0	0	0	0	0	8.32538E-11	0	8.32538E-11	8.32538E-05
409752.393730614	409752.39	3730614	1.2921E-05	0	0	0	0	0	0	8.08779E-11	0	8.08779E-11	8.08779E-05
409772.393730614	409772.39	3730614	1.25304E-05	0	0	0	0	0	0	7.84331E-11	0	7.84331E-11	7.84331E-05
409251.243730720.44	409251.24	3730720.44	2.67949E-05	0	0	0	0	0	0	1.6772E-10	0	1.6772E-10	0.00016772
409175.153730624.08	409175.15	3730624.08	1.59953E-05	0	0	0	0	0	0	1.00121E-10	0	1.00121E-10	0.000100121
409315.153730624.08	409315.15	3730624.08	1.74175E-05	0	0	0	0	0	0	1.09024E-10	0	1.09024E-10	0.000109024
409335.153730624.08	409335.15	3730624.08	1.75168E-05	0	0	0	0	0	0	1.09645E-10	0	1.09645E-10	0.000109645
409428.523730634	409428.52	3730634	1.84602E-05	0	0	0	0	0	0	1.1555E-10	0	1.1555E-10	0.00011555
409472.393730634	409472.39	3730634	1.82649E-05	0	0	0	0	0	0	1.14327E-10	0	1.14327E-10	0.000114327
409492.393730634	409492.39	3730634	1.81247E-05	0	0	0	0	0	0	1.1345E-10	0	1.1345E-10	0.00011345
409512.393730634	409512.39	3730634	1.79562E-05	0	0	0	0	0	0	1.12395E-10	0	1.12395E-10	0.000112395
409572.393730634	409572.39	3730634	1.72821E-05	0	0	0	0	0	0	1.08176E-10	0	1.08176E-10	0.000108176
409592.393730634	409592.39	3730634	1.70033E-05	0	0	0	0	0	0	1.06431E-10	0	1.06431E-10	0.000106431
409612.393730634	409612.39	3730634	1.66978E-05	0	0	0	0	0	0	1.04518E-10	0	1.04518E-10	0.000104518
409632.393730634	409632.39	3730634	1.6367E-05	0	0	0	0	0	0	1.02448E-10	0	1.02448E-10	0.000102448
409652.393730634	409652.39	3730634	1.60127E-05	0	0	0	0	0	0	1.0023E-10	0	1.0023E-10	0.00010023
409672.393730634	409672.39	3730634	1.56363E-05	0	0	0	0	0	0	9.78737E-11	0	9.78737E-11	9.78737E-05
409692.393730634	409692.39	3730634	1.52409E-05	0	0	0	0	0	0	9.53993E-11	0	9.53993E-11	9.53993E-05
409712.393730634	409712.39	3730634	1.48283E-05	0	0	0	0	0	0	9.28164E-11	0	9.28164E-11	9.28164E-05
409732.393730634	409732.39	3730634	1.43999E-05	0	0	0	0	0	0	9.01349E-11	0	9.01349E-11	9.01349E-05
409752.393730634	409752.39	3730634	1.39605E-05	0	0	0	0	0	0	8.73845E-11	0	8.73845E-11	8.73845E-05
409772.393730634	409772.39	3730634	1.35116E-05	0	0	0	0	0	0	8.45748E-11	0	8.45748E-11	8.45748E-05
409251.243730740.44	409251.24	3730740.44	2.98094E-05	0	0	0	0	0	0	1.86589E-10	0	1.86589E-10	0.000186589
408825.583730653.45	408825.58	3730653.45	1.02625E-05	0	0	0	0	0	0	6.4237E-11	0	6.4237E-11	6.4237E-05
408845.583730653.45	408845.58	3730653.45	1.06956E-05	0	0	0	0	0	0	6.69481E-11	0	6.69481E-11	6.69481E-05
408865.583730653.45	408865.58	3730653.45	1.11413E-05	0	0	0	0	0	0	6.9738E-11	0	6.9738E-11	6.9738E-05
408885.583730653.45	408885.58	3730653.45	1.15965E-05	0	0	0	0	0	0	7.25871E-11	0	7.25871E-11	7.25871E-05
408905.583730653.45	408905.58	3730653.45	1.20627E-05	0	0	0	0	0	0	7.55051E-11	0	7.55051E-11	7.55051E-05
408925.583730653.45	408925.58	3730653.45	1.25336E-05	0	0	0	0	0	0	7.84528E-11	0	7.84528E-11	7.84528E-05
408945.583730653.45	408945.58	3730653.45	1.30092E-05	0	0	0	0	0	0	8.143E-11	0	8.143E-11	8.143E-05
408965.583730653.45	408965.58	3730653.45	1.34864E-05	0	0	0	0	0	0	8.44171E-11	0	8.44171E-11	8.44171E-05
408985.583730653.45	408985.58	3730653.45	1.39621E-05	0	0	0	0	0	0	8.73943E-11	0	8.73943E-11	8.73943E-05
409005.583730653.45	409005.58	3730653.45	1.4433E-05	0	0	0	0	0	0	9.0342E-11	0	9.0342E-11	9.0342E-05
409025.583730653.45	409025.58	3730653.45	1.48992E-05	0	0	0	0	0	0	9.326E-11	0	9.326E-11	9.326E-05
409045.583730653.45	409045.58	3730653.45	1.53575E-05	0	0	0	0	0	0	9.61288E-11	0	9.61288E-11	9.61288E-05

409065.583730653.45	409065.58	3730653.45	1.58064E-05	0	0	0	0	0	0	9.89384E-11	0	9.89384E-11	9.89384E-05
409085.583730653.45	409085.58	3730653.45	1.62458E-05	0	0	0	0	0	0	1.01689E-10	0	1.01689E-10	0.000101689
409105.583730653.45	409105.58	3730653.45	1.66726E-05	0	0	0	0	0	0	1.04361E-10	0	1.04361E-10	0.000104361
409125.583730653.45	409125.58	3730653.45	1.70884E-05	0	0	0	0	0	0	1.06963E-10	0	1.06963E-10	0.000106963
409175.153730644.08	409175.15	3730644.08	1.73608E-05	0	0	0	0	0	0	1.08669E-10	0	1.08669E-10	0.000108669
409215.153730644.08	409215.15	3730644.08	1.7994E-05	0	0	0	0	0	0	1.12632E-10	0	1.12632E-10	0.000112632
409235.153730644.08	409235.15	3730644.08	1.82759E-05	0	0	0	0	0	0	1.14396E-10	0	1.14396E-10	0.000114396
409255.153730644.08	409255.15	3730644.08	1.85326E-05	0	0	0	0	0	0	1.16003E-10	0	1.16003E-10	0.000116003
409275.153730644.08	409275.15	3730644.08	1.87626E-05	0	0	0	0	0	0	1.17443E-10	0	1.17443E-10	0.000117443
409295.153730644.08	409295.15	3730644.08	1.89626E-05	0	0	0	0	0	0	1.18695E-10	0	1.18695E-10	0.000118695
409315.153730644.08	409315.15	3730644.08	1.91295E-05	0	0	0	0	0	0	1.1974E-10	0	1.1974E-10	0.00011974
409335.153730644.08	409335.15	3730644.08	1.92618E-05	0	0	0	0	0	0	1.20568E-10	0	1.20568E-10	0.000120568
409428.523730654	409428.52	3730654	2.03958E-05	0	0	0	0	0	0	1.27666E-10	0	1.27666E-10	0.000127666
409472.393730654	409472.39	3730654	2.01722E-05	0	0	0	0	0	0	1.26266E-10	0	1.26266E-10	0.000126266
409492.393730654	409492.39	3730654	2.00068E-05	0	0	0	0	0	0	1.25231E-10	0	1.25231E-10	0.000125231
409512.393730654	409512.39	3730654	1.98068E-05	0	0	0	0	0	0	1.23979E-10	0	1.23979E-10	0.000123979
409572.393730654	409572.39	3730654	1.90083E-05	0	0	0	0	0	0	1.1898E-10	0	1.1898E-10	0.00011898
409592.393730654	409592.39	3730654	1.86791E-05	0	0	0	0	0	0	1.1692E-10	0	1.1692E-10	0.00011692
409612.393730654	409612.39	3730654	1.83184E-05	0	0	0	0	0	0	1.14663E-10	0	1.14663E-10	0.000114663
409632.393730654	409632.39	3730654	1.7931E-05	0	0	0	0	0	0	1.12237E-10	0	1.12237E-10	0.000112237
409652.393730654	409652.39	3730654	1.75152E-05	0	0	0	0	0	0	1.09635E-10	0	1.09635E-10	0.000109635
409672.393730654	409672.39	3730654	1.70773E-05	0	0	0	0	0	0	1.06894E-10	0	1.06894E-10	0.000106894
409692.393730654	409692.39	3730654	1.66159E-05	0	0	0	0	0	0	1.04006E-10	0	1.04006E-10	0.000104006
409712.393730654	409712.39	3730654	1.61339E-05	0	0	0	0	0	0	1.00989E-10	0	1.00989E-10	0.000100989
409732.393730654	409732.39	3730654	1.56363E-05	0	0	0	0	0	0	9.78737E-11	0	9.78737E-11	9.78737E-05
409752.393730654	409752.39	3730654	1.51275E-05	0	0	0	0	0	0	9.46895E-11	0	9.46895E-11	9.46895E-05
409772.393730654	409772.39	3730654	1.46094E-05	0	0	0	0	0	0	9.14461E-11	0	9.14461E-11	9.14461E-05
409251.243730760.44	409251.24	3730760.44	3.33247E-05	0	0	0	0	0	0	2.08593E-10	0	2.08593E-10	0.000208593
409175.153730664.08	409175.15	3730664.08	1.8887E-05	0	0	0	0	0	0	1.18221E-10	0	1.18221E-10	0.000118221
409428.523730674	409428.52	3730674	2.26338E-05	0	0	0	0	0	0	1.41674E-10	0	1.41674E-10	0.000141674
409472.393730674	409472.39	3730674	2.23787E-05	0	0	0	0	0	0	1.40077E-10	0	1.40077E-10	0.000140077
409492.393730674	409492.39	3730674	2.21865E-05	0	0	0	0	0	0	1.38875E-10	0	1.38875E-10	0.000138875
409512.393730674	409512.39	3730674	2.19503E-05	0	0	0	0	0	0	1.37396E-10	0	1.37396E-10	0.000137396
409572.393730674	409572.39	3730674	2.09959E-05	0	0	0	0	0	0	1.31422E-10	0	1.31422E-10	0.000131422
409592.393730674	409592.39	3730674	2.06037E-05	0	0	0	0	0	0	1.28967E-10	0	1.28967E-10	0.000128967
409612.393730674	409612.39	3730674	2.01785E-05	0	0	0	0	0	0	1.26305E-10	0	1.26305E-10	0.000126305
409632.393730674	409632.39	3730674	1.97217E-05	0	0	0	0	0	0	1.23446E-10	0	1.23446E-10	0.000123446
409652.393730674	409652.39	3730674	1.92335E-05	0	0	0	0	0	0	1.2039E-10	0	1.2039E-10	0.00012039
409672.393730674	409672.39	3730674	1.87185E-05	0	0	0	0	0	0	1.17167E-10	0	1.17167E-10	0.000117167
409692.393730674	409692.39	3730674	1.81798E-05	0	0	0	0	0	0	1.13795E-10	0	1.13795E-10	0.000113795
409712.393730674	409712.39	3730674	1.76176E-05	0	0	0	0	0	0	1.10276E-10	0	1.10276E-10	0.000110276
409732.393730674	409732.39	3730674	1.7038E-05	0	0	0	0	0	0	1.06648E-10	0	1.06648E-10	0.000106648
409752.393730674	409752.39	3730674	1.64442E-05	0	0	0	0	0	0	1.02931E-10	0	1.02931E-10	0.000102931
409772.393730674	409772.39	3730674	1.58442E-05	0	0	0	0	0	0	9.9175E-11	0	9.9175E-11	9.9175E-05
409251.243730780.44	409251.24	3730780.44	3.74558E-05	0	0	0	0	0	0	2.34451E-10	0	2.34451E-10	0.000234451
408826.883730682.43	408826.88	3730682.43	1.08295E-05	0	0	0	0	0	0	6.7786E-11	0	6.7786E-11	6.7786E-05
408846.883730682.43	408846.88	3730682.43	1.13287E-05	0	0	0	0	0	0	7.09111E-11	0	7.09111E-11	7.09111E-05
408866.883730682.43	408866.88	3730682.43	1.18469E-05	0	0	0	0	0	0	7.41545E-11	0	7.41545E-11	7.41545E-05
408886.883730682.43	408886.88	3730682.43	1.23824E-05	0	0	0	0	0	0	7.75064E-11	0	7.75064E-11	7.75064E-05
408906.883730682.43	408906.88	3730682.43	1.29336E-05	0	0	0	0	0	0	8.09568E-11	0	8.09568E-11	8.09568E-05
408926.883730682.43	408926.88	3730682.43	1.3499E-05	0	0	0	0	0	0	8.4496E-11	0	8.4496E-11	8.4496E-05
408946.883730682.43	408946.88	3730682.43	1.40739E-05	0	0	0	0	0	0	8.80943E-11	0	8.80943E-11	8.80943E-05
408966.883730682.43	408966.88	3730682.43	1.46566E-05	0	0	0	0	0	0	9.17418E-11	0	9.17418E-11	9.17418E-05
408986.883730682.43	408986.88	3730682.43	1.52441E-05	0	0	0	0	0	0	9.5419E-11	0	9.5419E-11	9.5419E-05
409006.883730682.43	409006.88	3730682.43	1.583E-05	0	0	0	0	0	0	9.90863E-11	0	9.90863E-11	9.90863E-05
409026.883730682.43	409026.88	3730682.43	1.64159E-05	0	0	0	0	0	0	1.02754E-10	0	1.02754E-10	0.000102754

409046.883730682.43	409046.88	3730682.43	1.69939E-05	0	0	0	0	0	0	1.06372E-10	0	1.06372E-10	0.000106372
409066.883730682.43	409066.88	3730682.43	1.75656E-05	0	0	0	0	0	0	1.0995E-10	0	1.0995E-10	0.00010995
409086.883730682.43	409086.88	3730682.43	1.81279E-05	0	0	0	0	0	0	1.1347E-10	0	1.1347E-10	0.00011347
409106.883730682.43	409106.88	3730682.43	1.86791E-05	0	0	0	0	0	0	1.1692E-10	0	1.1692E-10	0.00011692
409126.883730682.43	409126.88	3730682.43	1.92177E-05	0	0	0	0	0	0	1.20292E-10	0	1.20292E-10	0.000120292
409175.153730684.08	409175.15	3730684.08	2.06005E-05	0	0	0	0	0	0	1.28947E-10	0	1.28947E-10	0.000128947
409215.153730684.08	409215.15	3730684.08	2.15487E-05	0	0	0	0	0	0	1.34882E-10	0	1.34882E-10	0.000134882
409235.153730684.08	409235.15	3730684.08	2.19802E-05	0	0	0	0	0	0	1.37583E-10	0	1.37583E-10	0.000137583
409255.153730684.08	409255.15	3730684.08	2.23803E-05	0	0	0	0	0	0	1.40087E-10	0	1.40087E-10	0.000140087
409275.153730684.08	409275.15	3730684.08	2.27425E-05	0	0	0	0	0	0	1.42355E-10	0	1.42355E-10	0.000142355
409295.153730684.08	409295.15	3730684.08	2.30654E-05	0	0	0	0	0	0	1.44376E-10	0	1.44376E-10	0.000144376
409315.153730684.08	409315.15	3730684.08	2.33394E-05	0	0	0	0	0	0	1.46091E-10	0	1.46091E-10	0.000146091
409428.523730694	409428.52	3730694	2.52388E-05	0	0	0	0	0	0	1.5798E-10	0	1.5798E-10	0.00015798
409472.393730694	409472.39	3730694	2.49522E-05	0	0	0	0	0	0	1.56186E-10	0	1.56186E-10	0.000156186
409492.393730694	409492.39	3730694	2.47254E-05	0	0	0	0	0	0	1.54766E-10	0	1.54766E-10	0.000154766
409512.393730694	409512.39	3730694	2.4445E-05	0	0	0	0	0	0	1.53012E-10	0	1.53012E-10	0.000153012
409572.393730694	409572.39	3730694	2.33079E-05	0	0	0	0	0	0	1.45894E-10	0	1.45894E-10	0.000145894
409592.393730694	409592.39	3730694	2.28401E-05	0	0	0	0	0	0	1.42966E-10	0	1.42966E-10	0.000142966
409612.393730694	409612.39	3730694	2.23346E-05	0	0	0	0	0	0	1.39801E-10	0	1.39801E-10	0.000139801
409652.393730694	409652.39	3730694	2.12164E-05	0	0	0	0	0	0	1.32802E-10	0	1.32802E-10	0.000132802
409672.393730694	409672.39	3730694	2.061E-05	0	0	0	0	0	0	1.29006E-10	0	1.29006E-10	0.000129006
409692.393730694	409692.39	3730694	1.99737E-05	0	0	0	0	0	0	1.25024E-10	0	1.25024E-10	0.000125024
409712.393730694	409712.39	3730694	1.93138E-05	0	0	0	0	0	0	1.20893E-10	0	1.20893E-10	0.000120893
409732.393730694	409732.39	3730694	1.86334E-05	0	0	0	0	0	0	1.16634E-10	0	1.16634E-10	0.000116634
409772.393730694	409772.39	3730694	1.72364E-05	0	0	0	0	0	0	1.0789E-10	0	1.0789E-10	0.00010789
409251.243730800.44	409251.24	3730800.44	4.2354E-05	0	0	0	0	0	0	2.65111E-10	0	2.65111E-10	0.000265111
409175.153730704.08	409175.15	3730704.08	2.2533E-05	0	0	0	0	0	0	1.41043E-10	0	1.41043E-10	0.000141043
409321.973730701.65	409321.97	3730701.65	2.57097E-05	0	0	0	0	0	0	1.60928E-10	0	1.60928E-10	0.000160928
409428.523730714	409428.52	3730714	2.8288E-05	0	0	0	0	0	0	1.77066E-10	0	1.77066E-10	0.000177066
409472.393730714	409472.39	3730714	2.79667E-05	0	0	0	0	0	0	1.75055E-10	0	1.75055E-10	0.000175055
409492.393730714	409492.39	3730714	2.77021E-05	0	0	0	0	0	0	1.73399E-10	0	1.73399E-10	0.000173399
409512.393730714	409512.39	3730714	2.73713E-05	0	0	0	0	0	0	1.71328E-10	0	1.71328E-10	0.000171328
409572.393730714	409572.39	3730714	2.6009E-05	0	0	0	0	0	0	1.62801E-10	0	1.62801E-10	0.000162801
409592.393730714	409592.39	3730714	2.54483E-05	0	0	0	0	0	0	1.59291E-10	0	1.59291E-10	0.000159291
409612.393730714	409612.39	3730714	2.48467E-05	0	0	0	0	0	0	1.55525E-10	0	1.55525E-10	0.000155525
409732.393730714	409732.39	3730714	2.04588E-05	0	0	0	0	0	0	1.2806E-10	0	1.2806E-10	0.00012806
409772.393730714	409772.39	3730714	1.88193E-05	0	0	0	0	0	0	1.17797E-10	0	1.17797E-10	0.000117797
409251.243730820.44	409251.24	3730820.44	4.82286E-05	0	0	0	0	0	0	3.01883E-10	0	3.01883E-10	0.000301883
408826.883730722.43	408826.88	3730722.43	1.1576E-05	0	0	0	0	0	0	7.24589E-11	0	7.24589E-11	7.24589E-05
408846.883730722.43	408846.88	3730722.43	1.21729E-05	0	0	0	0	0	0	7.61952E-11	0	7.61952E-11	7.61952E-05
408886.883730722.43	408886.88	3730722.43	1.34612E-05	0	0	0	0	0	0	8.42594E-11	0	8.42594E-11	8.42594E-05
408906.883730722.43	408906.88	3730722.43	1.41495E-05	0	0	0	0	0	0	8.85675E-11	0	8.85675E-11	8.85675E-05
408926.883730722.43	408926.88	3730722.43	1.48692E-05	0	0	0	0	0	0	9.30727E-11	0	9.30727E-11	9.30727E-05
408966.883730722.43	408966.88	3730722.43	1.63765E-05	0	0	0	0	0	0	1.02507E-10	0	1.02507E-10	0.000102507
408986.883730722.43	408986.88	3730722.43	1.71577E-05	0	0	0	0	0	0	1.07397E-10	0	1.07397E-10	0.000107397
409006.883730722.43	409006.88	3730722.43	1.79515E-05	0	0	0	0	0	0	1.12366E-10	0	1.12366E-10	0.000112366
409026.883730722.43	409026.88	3730722.43	1.87515E-05	0	0	0	0	0	0	1.17374E-10	0	1.17374E-10	0.000117374
409046.883730722.43	409046.88	3730722.43	1.95563E-05	0	0	0	0	0	0	1.22411E-10	0	1.22411E-10	0.000122411
409066.883730722.43	409066.88	3730722.43	2.0358E-05	0	0	0	0	0	0	1.27429E-10	0	1.27429E-10	0.000127429
409086.883730722.43	409086.88	3730722.43	2.11534E-05	0	0	0	0	0	0	1.32408E-10	0	1.32408E-10	0.000132408
409106.883730722.43	409106.88	3730722.43	2.19424E-05	0	0	0	0	0	0	1.37347E-10	0	1.37347E-10	0.000137347
409126.883730722.43	409126.88	3730722.43	2.27189E-05	0	0	0	0	0	0	1.42207E-10	0	1.42207E-10	0.000142207
409175.153730724.08	409175.15	3730724.08	2.47207E-05	0	0	0	0	0	0	1.54737E-10	0	1.54737E-10	0.000154737
409226.653730720.18	409226.65	3730720.18	2.60106E-05	0	0	0	0	0	0	1.62811E-10	0	1.62811E-10	0.000162811
409275.963730720.53	409275.96	3730720.53	2.7491E-05	0	0	0	0	0	0	1.72078E-10	0	1.72078E-10	0.000172078
409321.973730721.65	409321.97	3730721.65	2.87085E-05	0	0	0	0	0	0	1.79698E-10	0	1.79698E-10	0.000179698

409428.523730734	409428.52	3730734	3.18804E-05	0	0	0	0	0	0	1.99553E-10	0	1.99553E-10	0.000199553
409472.393730734	409472.39	3730734	3.15261E-05	0	0	0	0	0	0	1.97335E-10	0	1.97335E-10	0.000197335
409492.393730734	409492.39	3730734	3.12174E-05	0	0	0	0	0	0	1.95402E-10	0	1.95402E-10	0.000195402
409512.393730734	409512.39	3730734	3.08236E-05	0	0	0	0	0	0	1.92938E-10	0	1.92938E-10	0.000192938
409572.393730734	409572.39	3730734	2.9192E-05	0	0	0	0	0	0	1.82725E-10	0	1.82725E-10	0.000182725
409592.393730734	409592.39	3730734	2.85179E-05	0	0	0	0	0	0	1.78505E-10	0	1.78505E-10	0.000178505
409612.393730734	409612.39	3730734	2.7795E-05	0	0	0	0	0	0	1.7398E-10	0	1.7398E-10	0.00017398
409652.393730734	409652.39	3730734	2.62011E-05	0	0	0	0	0	0	1.64004E-10	0	1.64004E-10	0.000164004
409692.393730734	409692.39	3730734	2.4445E-05	0	0	0	0	0	0	1.53012E-10	0	1.53012E-10	0.000153012
409732.393730734	409732.39	3730734	2.25645E-05	0	0	0	0	0	0	1.41241E-10	0	1.41241E-10	0.000141241
409772.393730734	409772.39	3730734	2.06242E-05	0	0	0	0	0	0	1.29095E-10	0	1.29095E-10	0.000129095
409251.243730840.44	409251.24	3730840.44	5.53663E-05	0	0	0	0	0	0	3.46561E-10	0	3.46561E-10	0.000346561
408826.883730742.43	408826.88	3730742.43	1.19445E-05	0	0	0	0	0	0	7.47658E-11	0	7.47658E-11	7.47658E-05
408846.883730742.43	408846.88	3730742.43	1.25934E-05	0	0	0	0	0	0	7.88274E-11	0	7.88274E-11	7.88274E-05
408886.883730742.43	408886.88	3730742.43	1.40109E-05	0	0	0	0	0	0	8.76999E-11	0	8.76999E-11	8.76999E-05
408906.883730742.43	408906.88	3730742.43	1.47747E-05	0	0	0	0	0	0	9.24812E-11	0	9.24812E-11	9.24812E-05
408926.883730742.43	408926.88	3730742.43	1.55843E-05	0	0	0	0	0	0	9.75484E-11	0	9.75484E-11	9.75484E-05
408966.883730742.43	408966.88	3730742.43	1.72963E-05	0	0	0	0	0	0	1.08264E-10	0	1.08264E-10	0.000108264
408986.883730742.43	408986.88	3730742.43	1.81956E-05	0	0	0	0	0	0	1.13894E-10	0	1.13894E-10	0.000113894
409006.883730742.43	409006.88	3730742.43	1.91185E-05	0	0	0	0	0	0	1.19671E-10	0	1.19671E-10	0.000119671
409026.883730742.43	409026.88	3730742.43	2.00556E-05	0	0	0	0	0	0	1.25536E-10	0	1.25536E-10	0.000125536
409046.883730742.43	409046.88	3730742.43	2.10037E-05	0	0	0	0	0	0	1.31471E-10	0	1.31471E-10	0.000131471
409066.883730742.43	409066.88	3730742.43	2.1955E-05	0	0	0	0	0	0	1.37425E-10	0	1.37425E-10	0.000137425
409086.883730742.43	409086.88	3730742.43	2.29063E-05	0	0	0	0	0	0	1.4338E-10	0	1.4338E-10	0.00014338
409106.883730742.43	409106.88	3730742.43	2.38528E-05	0	0	0	0	0	0	1.49305E-10	0	1.49305E-10	0.000149305
409126.883730742.43	409126.88	3730742.43	2.479E-05	0	0	0	0	0	0	1.55171E-10	0	1.55171E-10	0.000155171
409175.153730744.08	409175.15	3730744.08	2.72091E-05	0	0	0	0	0	0	1.70313E-10	0	1.70313E-10	0.000170313
409226.653730740.18	409226.65	3730740.18	2.88376E-05	0	0	0	0	0	0	1.80506E-10	0	1.80506E-10	0.000180506
409275.963730740.53	409275.96	3730740.53	3.06819E-05	0	0	0	0	0	0	1.92051E-10	0	1.92051E-10	0.000192051
409321.973730741.65	409321.97	3730741.65	3.22143E-05	0	0	0	0	0	0	2.01643E-10	0	2.01643E-10	0.000201643
409412.393730754	409412.39	3730754	3.61376E-05	0	0	0	0	0	0	2.262E-10	0	2.262E-10	0.0002262
409472.393730754	409472.39	3730754	3.57596E-05	0	0	0	0	0	0	2.23834E-10	0	2.23834E-10	0.000223834
409492.393730754	409492.39	3730754	3.53989E-05	0	0	0	0	0	0	2.21576E-10	0	2.21576E-10	0.000221576
409512.393730754	409512.39	3730754	3.49359E-05	0	0	0	0	0	0	2.18678E-10	0	2.18678E-10	0.000218678
409552.393730754	409552.39	3730754	3.37184E-05	0	0	0	0	0	0	2.11058E-10	0	2.11058E-10	0.000211058
409572.393730754	409572.39	3730754	3.2975E-05	0	0	0	0	0	0	2.06404E-10	0	2.06404E-10	0.000206404
409592.393730754	409592.39	3730754	3.21608E-05	0	0	0	0	0	0	2.01308E-10	0	2.01308E-10	0.000201308
409612.393730754	409612.39	3730754	3.12883E-05	0	0	0	0	0	0	1.95846E-10	0	1.95846E-10	0.000195846
409652.393730754	409652.39	3730754	2.93668E-05	0	0	0	0	0	0	1.83819E-10	0	1.83819E-10	0.000183819
409692.393730754	409692.39	3730754	2.72579E-05	0	0	0	0	0	0	1.70619E-10	0	1.70619E-10	0.000170619
409732.393730754	409732.39	3730754	2.50104E-05	0	0	0	0	0	0	1.56551E-10	0	1.56551E-10	0.000156551
409772.393730754	409772.39	3730754	2.26984E-05	0	0	0	0	0	0	1.42079E-10	0	1.42079E-10	0.000142079
409251.243730860.44	409251.24	3730860.44	6.41767E-05	0	0	0	0	0	0	4.01708E-10	0	4.01708E-10	0.000401708
408826.883730762.43	408826.88	3730762.43	1.23036E-05	0	0	0	0	0	0	7.70135E-11	0	7.70135E-11	7.70135E-05
408846.883730762.43	408846.88	3730762.43	1.30092E-05	0	0	0	0	0	0	8.143E-11	0	8.143E-11	8.143E-05
408886.883730762.43	408886.88	3730762.43	1.45621E-05	0	0	0	0	0	0	9.11503E-11	0	9.11503E-11	9.11503E-05
408926.883730762.43	408926.88	3730762.43	1.63119E-05	0	0	0	0	0	0	1.02103E-10	0	1.02103E-10	0.000102103
408966.883730762.43	408966.88	3730762.43	1.82538E-05	0	0	0	0	0	0	1.14258E-10	0	1.14258E-10	0.000114258
408986.883730762.43	408986.88	3730762.43	1.9287E-05	0	0	0	0	0	0	1.20725E-10	0	1.20725E-10	0.000120725
409006.883730762.43	409006.88	3730762.43	2.03564E-05	0	0	0	0	0	0	1.27419E-10	0	1.27419E-10	0.000127419
409026.883730762.43	409026.88	3730762.43	2.14542E-05	0	0	0	0	0	0	1.34291E-10	0	1.34291E-10	0.000134291
409046.883730762.43	409046.88	3730762.43	2.25724E-05	0	0	0	0	0	0	1.4129E-10	0	1.4129E-10	0.00014129
409066.883730762.43	409066.88	3730762.43	2.37048E-05	0	0	0	0	0	0	1.48378E-10	0	1.48378E-10	0.000148378
409086.883730762.43	409086.88	3730762.43	2.48451E-05	0	0	0	0	0	0	1.55516E-10	0	1.55516E-10	0.000155516
409106.883730762.43	409106.88	3730762.43	2.59838E-05	0	0	0	0	0	0	1.62643E-10	0	1.62643E-10	0.000162643
409126.883730762.43	409126.88	3730762.43	2.71193E-05	0	0	0	0	0	0	1.69751E-10	0	1.69751E-10	0.000169751

409175.153730764.08	409175.15	3730764.08	3.00566E-05	0	0	0	0	0	0	1.88137E-10	0	1.88137E-10	0.000188137
409226.653730760.18	409226.65	3730760.18	3.21151E-05	0	0	0	0	0	0	2.01022E-10	0	2.01022E-10	0.000201022
409275.963730760.53	409275.96	3730760.53	3.44193E-05	0	0	0	0	0	0	2.15444E-10	0	2.15444E-10	0.000215444
409321.973730761.65	409321.97	3730761.65	3.63486E-05	0	0	0	0	0	0	2.27521E-10	0	2.27521E-10	0.000227521
409432.393730774	409432.39	3730774	4.12326E-05	0	0	0	0	0	0	2.58092E-10	0	2.58092E-10	0.000258092
409452.393730774	409452.39	3730774	4.11082E-05	0	0	0	0	0	0	2.57313E-10	0	2.57313E-10	0.000257313
409472.393730774	409472.39	3730774	4.08341E-05	0	0	0	0	0	0	2.55598E-10	0	2.55598E-10	0.000255598
409492.393730774	409492.39	3730774	4.04168E-05	0	0	0	0	0	0	2.52985E-10	0	2.52985E-10	0.000252985
409512.393730774	409512.39	3730774	3.98702E-05	0	0	0	0	0	0	2.49564E-10	0	2.49564E-10	0.000249564
409552.393730774	409552.39	3730774	3.84118E-05	0	0	0	0	0	0	2.40435E-10	0	2.40435E-10	0.000240435
409572.393730774	409572.39	3730774	3.75125E-05	0	0	0	0	0	0	2.34806E-10	0	2.34806E-10	0.000234806
409592.393730774	409592.39	3730774	3.6525E-05	0	0	0	0	0	0	2.28625E-10	0	2.28625E-10	0.000228625
409612.393730774	409612.39	3730774	3.54666E-05	0	0	0	0	0	0	2.22E-10	0	2.22E-10	0.00022
409652.393730774	409652.39	3730774	3.31325E-05	0	0	0	0	0	0	2.0739E-10	0	2.0739E-10	0.00020739
409692.393730774	409692.39	3730774	3.05843E-05	0	0	0	0	0	0	1.91439E-10	0	1.91439E-10	0.000191439
409732.393730774	409732.39	3730774	2.78722E-05	0	0	0	0	0	0	1.74463E-10	0	1.74463E-10	0.000174463
409772.393730774	409772.39	3730774	2.50971E-05	0	0	0	0	0	0	1.57093E-10	0	1.57093E-10	0.000157093
409251.243730880.44	409251.24	3730880.44	7.52597E-05	0	0	0	0	0	0	4.71081E-10	0	4.71081E-10	0.000471081
408826.883730782.43	408826.88	3730782.43	1.26517E-05	0	0	0	0	0	0	7.91922E-11	0	7.91922E-11	7.91922E-05
408846.883730782.43	408846.88	3730782.43	1.34124E-05	0	0	0	0	0	0	8.39537E-11	0	8.39537E-11	8.39537E-05
408886.883730782.43	408886.88	3730782.43	1.51086E-05	0	0	0	0	0	0	9.45712E-11	0	9.45712E-11	9.45712E-05
408926.883730782.43	408926.88	3730782.43	1.70506E-05	0	0	0	0	0	0	1.06727E-10	0	1.06727E-10	0.000106727
409175.153730784.08	409175.15	3730784.08	3.33373E-05	0	0	0	0	0	0	2.08672E-10	0	2.08672E-10	0.000208672
409226.653730780.18	409226.65	3730780.18	3.59423E-05	0	0	0	0	0	0	2.24978E-10	0	2.24978E-10	0.000224978
409275.963730780.53	409275.96	3730780.53	3.88355E-05	0	0	0	0	0	0	2.43087E-10	0	2.43087E-10	0.000243087
409321.973730781.65	409321.97	3730781.65	4.12688E-05	0	0	0	0	0	0	2.58318E-10	0	2.58318E-10	0.000258318
409432.393730794	409432.39	3730794	4.73923E-05	0	0	0	0	0	0	2.96648E-10	0	2.96648E-10	0.000296648
409452.393730794	409452.39	3730794	4.72742E-05	0	0	0	0	0	0	2.95908E-10	0	2.95908E-10	0.000295908
409472.393730794	409472.39	3730794	4.69718E-05	0	0	0	0	0	0	2.94016E-10	0	2.94016E-10	0.000294016
409492.393730794	409492.39	3730794	4.6493E-05	0	0	0	0	0	0	2.91019E-10	0	2.91019E-10	0.000291019
409512.393730794	409512.39	3730794	4.5852E-05	0	0	0	0	0	0	2.87006E-10	0	2.87006E-10	0.000287006
409552.393730794	409552.39	3730794	4.41038E-05	0	0	0	0	0	0	2.76064E-10	0	2.76064E-10	0.000276064
409572.393730794	409572.39	3730794	4.30139E-05	0	0	0	0	0	0	2.69242E-10	0	2.69242E-10	0.000269242
409592.393730794	409592.39	3730794	4.18122E-05	0	0	0	0	0	0	2.6172E-10	0	2.6172E-10	0.00026172
409612.393730794	409612.39	3730794	4.05207E-05	0	0	0	0	0	0	2.53636E-10	0	2.53636E-10	0.000253636
409652.393730794	409652.39	3730794	3.76684E-05	0	0	0	0	0	0	2.35782E-10	0	2.35782E-10	0.000235782
409692.393730794	409692.39	3730794	3.45579E-05	0	0	0	0	0	0	2.16312E-10	0	2.16312E-10	0.000216312
409732.393730794	409732.39	3730794	3.12568E-05	0	0	0	0	0	0	1.95649E-10	0	1.95649E-10	0.000195649
409772.393730794	409772.39	3730794	2.78958E-05	0	0	0	0	0	0	1.74611E-10	0	1.74611E-10	0.000174611
409251.243730900.44	409251.24	3730900.44	8.95399E-05	0	0	0	0	0	0	5.60467E-10	0	5.60467E-10	0.000560467
408826.883730802.43	408826.88	3730802.43	1.29824E-05	0	0	0	0	0	0	8.12624E-11	0	8.12624E-11	8.12624E-05
408846.883730802.43	408846.88	3730802.43	1.3803E-05	0	0	0	0	0	0	8.63986E-11	0	8.63986E-11	8.63986E-05
408886.883730802.43	408886.88	3730802.43	1.56457E-05	0	0	0	0	0	0	9.79329E-11	0	9.79329E-11	9.79329E-05
408926.883730802.43	408926.88	3730802.43	1.77892E-05	0	0	0	0	0	0	1.1135E-10	0	1.1135E-10	0.00011135
408966.883730802.43	408966.88	3730802.43	2.02556E-05	0	0	0	0	0	0	1.26788E-10	0	1.26788E-10	0.000126788
408986.883730802.43	408986.88	3730802.43	2.16101E-05	0	0	0	0	0	0	1.35266E-10	0	1.35266E-10	0.000135266
409006.883730802.43	409006.88	3730802.43	2.30402E-05	0	0	0	0	0	0	1.44218E-10	0	1.44218E-10	0.000144218
409026.883730802.43	409026.88	3730802.43	2.45411E-05	0	0	0	0	0	0	1.53613E-10	0	1.53613E-10	0.000153613
409046.883730802.43	409046.88	3730802.43	2.61035E-05	0	0	0	0	0	0	1.63392E-10	0	1.63392E-10	0.000163392
409066.883730802.43	409066.88	3730802.43	2.77147E-05	0	0	0	0	0	0	1.73477E-10	0	1.73477E-10	0.000173477
409086.883730802.43	409086.88	3730802.43	2.93652E-05	0	0	0	0	0	0	1.83809E-10	0	1.83809E-10	0.000183809
409106.883730802.43	409106.88	3730802.43	3.10394E-05	0	0	0	0	0	0	1.94288E-10	0	1.94288E-10	0.000194288
409126.883730802.43	409126.88	3730802.43	3.27278E-05	0	0	0	0	0	0	2.04857E-10	0	2.04857E-10	0.000204857
409175.153730804.08	409175.15	3730804.08	3.71377E-05	0	0	0	0	0	0	2.3246E-10	0	2.3246E-10	0.00023246
409226.653730800.18	409226.65	3730800.18	4.04514E-05	0	0	0	0	0	0	2.53202E-10	0	2.53202E-10	0.000253202
409275.963730800.53	409275.96	3730800.53	4.4099E-05	0	0	0	0	0	0	2.76034E-10	0	2.76034E-10	0.000276034

409321.973730801.65	409321.97	3730801.65	4.71828E-05	0	0	0	0	0	0	2.95337E-10	0	2.95337E-10	0.000295337
409432.393730814	409432.39	3730814	5.49064E-05	0	0	0	0	0	0	3.43682E-10	0	3.43682E-10	0.000343682
409452.393730814	409452.39	3730814	5.48104E-05	0	0	0	0	0	0	3.43081E-10	0	3.43081E-10	0.000343081
409472.393730814	409472.39	3730814	5.4478E-05	0	0	0	0	0	0	3.41E-10	0	3.41E-10	0.000341
409492.393730814	409492.39	3730814	5.39331E-05	0	0	0	0	0	0	3.37589E-10	0	3.37589E-10	0.000337589
409512.393730814	409512.39	3730814	5.31771E-05	0	0	0	0	0	0	3.32857E-10	0	3.32857E-10	0.000332857
409552.393730814	409552.39	3730814	5.10871E-05	0	0	0	0	0	0	3.19775E-10	0	3.19775E-10	0.000319775
409572.393730814	409572.39	3730814	4.97642E-05	0	0	0	0	0	0	3.11494E-10	0	3.11494E-10	0.000311494
409592.393730814	409592.39	3730814	4.82979E-05	0	0	0	0	0	0	3.02316E-10	0	3.02316E-10	0.000302316
409612.393730814	409612.39	3730814	4.67103E-05	0	0	0	0	0	0	2.92379E-10	0	2.92379E-10	0.000292379
409652.393730814	409652.39	3730814	4.31981E-05	0	0	0	0	0	0	2.70395E-10	0	2.70395E-10	0.000270395
409692.393730814	409692.39	3730814	3.936E-05	0	0	0	0	0	0	2.4637E-10	0	2.4637E-10	0.00024637
409732.393730814	409732.39	3730814	3.53028E-05	0	0	0	0	0	0	2.20975E-10	0	2.20975E-10	0.000220975
409772.393730814	409772.39	3730814	3.11859E-05	0	0	0	0	0	0	1.95205E-10	0	1.95205E-10	0.000195205
409251.243730920.44	409251.24	3730920.44	0.000108515	0	0	0	0	0	0	6.79241E-10	0	6.79241E-10	0.000679241
408826.883730822.43	408826.88	3730822.43	1.32927E-05	0	0	0	0	0	0	8.32045E-11	0	8.32045E-11	8.32045E-05
408846.883730822.43	408846.88	3730822.43	1.417E-05	0	0	0	0	0	0	8.86956E-11	0	8.86956E-11	8.86956E-05
408886.883730822.43	408886.88	3730822.43	1.61654E-05	0	0	0	0	0	0	1.01186E-10	0	1.01186E-10	0.000101186
408926.883730822.43	408926.88	3730822.43	1.85216E-05	0	0	0	0	0	0	1.15934E-10	0	1.15934E-10	0.000115934
408966.883730822.43	408966.88	3730822.43	2.12857E-05	0	0	0	0	0	0	1.33236E-10	0	1.33236E-10	0.000133236
408986.883730822.43	408986.88	3730822.43	2.28275E-05	0	0	0	0	0	0	1.42887E-10	0	1.42887E-10	0.000142887
409006.883730822.43	409006.88	3730822.43	2.44765E-05	0	0	0	0	0	0	1.53209E-10	0	1.53209E-10	0.000153209
409026.883730822.43	409026.88	3730822.43	2.62263E-05	0	0	0	0	0	0	1.64161E-10	0	1.64161E-10	0.000164161
409046.883730822.43	409046.88	3730822.43	2.80722E-05	0	0	0	0	0	0	1.75715E-10	0	1.75715E-10	0.000175715
409066.883730822.43	409066.88	3730822.43	2.99984E-05	0	0	0	0	0	0	1.87772E-10	0	1.87772E-10	0.000187772
409086.883730822.43	409086.88	3730822.43	3.19923E-05	0	0	0	0	0	0	2.00253E-10	0	2.00253E-10	0.000200253
409106.883730822.43	409106.88	3730822.43	3.4035E-05	0	0	0	0	0	0	2.13039E-10	0	2.13039E-10	0.000213039
409126.883730822.43	409126.88	3730822.43	3.6114E-05	0	0	0	0	0	0	2.26052E-10	0	2.26052E-10	0.000226052
409175.153730824.08	409175.15	3730824.08	4.15775E-05	0	0	0	0	0	0	2.60251E-10	0	2.60251E-10	0.000260251
409226.653730820.18	409226.65	3730820.18	4.58189E-05	0	0	0	0	0	0	2.86799E-10	0	2.86799E-10	0.000286799
409275.963730820.53	409275.96	3730820.53	5.04509E-05	0	0	0	0	0	0	3.15793E-10	0	3.15793E-10	0.000315793
409321.973730821.65	409321.97	3730821.65	5.43725E-05	0	0	0	0	0	0	3.4034E-10	0	3.4034E-10	0.00034034
409412.393730834	409412.39	3730834	6.39625E-05	0	0	0	0	0	0	4.00367E-10	0	4.00367E-10	0.000400367
409432.393730834	409432.39	3730834	6.41751E-05	0	0	0	0	0	0	4.01698E-10	0	4.01698E-10	0.000401698
409472.393730834	409472.39	3730834	6.37593E-05	0	0	0	0	0	0	3.99096E-10	0	3.99096E-10	0.000399096
409492.393730834	409492.39	3730834	6.31341E-05	0	0	0	0	0	0	3.95182E-10	0	3.95182E-10	0.000395182
409512.393730834	409512.39	3730834	6.22584E-05	0	0	0	0	0	0	3.89701E-10	0	3.89701E-10	0.000389701
409552.393730834	409552.39	3730834	5.97668E-05	0	0	0	0	0	0	3.74105E-10	0	3.74105E-10	0.000374105
409572.393730834	409572.39	3730834	5.81635E-05	0	0	0	0	0	0	3.64069E-10	0	3.64069E-10	0.000364069
409592.393730834	409592.39	3730834	5.63649E-05	0	0	0	0	0	0	3.52811E-10	0	3.52811E-10	0.000352811
409612.393730834	409612.39	3730834	5.44056E-05	0	0	0	0	0	0	3.40547E-10	0	3.40547E-10	0.000340547
409652.393730834	409652.39	3730834	5.00366E-05	0	0	0	0	0	0	3.132E-10	0	3.132E-10	0.0003132
409692.393730834	409692.39	3730834	4.52488E-05	0	0	0	0	0	0	2.83231E-10	0	2.83231E-10	0.000283231
408826.883730842.43	408826.88	3730842.43	1.35731E-05	0	0	0	0	0	0	8.49593E-11	0	8.49593E-11	8.49593E-05
408846.883730842.43	408846.88	3730842.43	1.45086E-05	0	0	0	0	0	0	9.08152E-11	0	9.08152E-11	9.08152E-05
408886.883730842.43	408886.88	3730842.43	1.66568E-05	0	0	0	0	0	0	1.04262E-10	0	1.04262E-10	0.000104262
408926.883730842.43	408926.88	3730842.43	1.92351E-05	0	0	0	0	0	0	1.204E-10	0	1.204E-10	0.0001204
408966.883730842.43	408966.88	3730842.43	2.23173E-05	0	0	0	0	0	0	1.39693E-10	0	1.39693E-10	0.000139693
408986.883730842.43	408986.88	3730842.43	2.4067E-05	0	0	0	0	0	0	1.50646E-10	0	1.50646E-10	0.000150646
409006.883730842.43	409006.88	3730842.43	2.59602E-05	0	0	0	0	0	0	1.62495E-10	0	1.62495E-10	0.000162495
409026.883730842.43	409026.88	3730842.43	2.79982E-05	0	0	0	0	0	0	1.75252E-10	0	1.75252E-10	0.000175252
409046.883730842.43	409046.88	3730842.43	3.01748E-05	0	0	0	0	0	0	1.88876E-10	0	1.88876E-10	0.000188876
409066.883730842.43	409066.88	3730842.43	3.24789E-05	0	0	0	0	0	0	2.03299E-10	0	2.03299E-10	0.000203299
409086.883730842.43	409086.88	3730842.43	3.48949E-05	0	0	0	0	0	0	2.18422E-10	0	2.18422E-10	0.000218422
409106.883730842.43	409106.88	3730842.43	3.74039E-05	0	0	0	0	0	0	2.34126E-10	0	2.34126E-10	0.000234126
409126.883730842.43	409126.88	3730842.43	3.99789E-05	0	0	0	0	0	0	2.50244E-10	0	2.50244E-10	0.000250244

409175.153730844.08	409175.15	3730844.08	4.68111E-05	0	0	0	0	0	0	2.9301E-10	0	2.9301E-10	0.00029301
409226.653730840.18	409226.65	3730840.18	5.22825E-05	0	0	0	0	0	0	3.27258E-10	0	3.27258E-10	0.000327258
409275.963730840.53	409275.96	3730840.53	5.82186E-05	0	0	0	0	0	0	3.64414E-10	0	3.64414E-10	0.000364414
409321.973730841.65	409321.97	3730841.65	6.3238E-05	0	0	0	0	0	0	3.95833E-10	0	3.95833E-10	0.000395833
409412.393730854	409412.39	3730854	7.54345E-05	0	0	0	0	0	0	4.72176E-10	0	4.72176E-10	0.000472176
409432.393730854	409432.39	3730854	7.57527E-05	0	0	0	0	0	0	4.74167E-10	0	4.74167E-10	0.000474167
409472.393730854	409472.39	3730854	7.53747E-05	0	0	0	0	0	0	4.71801E-10	0	4.71801E-10	0.000471801
409492.393730854	409492.39	3730854	7.46833E-05	0	0	0	0	0	0	4.67473E-10	0	4.67473E-10	0.000467473
409512.393730854	409512.39	3730854	7.36722E-05	0	0	0	0	0	0	4.61144E-10	0	4.61144E-10	0.000461144
409552.393730854	409552.39	3730854	7.07144E-05	0	0	0	0	0	0	4.4263E-10	0	4.4263E-10	0.00044263
409572.393730854	409572.39	3730854	6.87724E-05	0	0	0	0	0	0	4.30475E-10	0	4.30475E-10	0.000430475
409592.393730854	409592.39	3730854	6.65659E-05	0	0	0	0	0	0	4.16663E-10	0	4.16663E-10	0.000416663
409612.393730854	409612.39	3730854	6.41342E-05	0	0	0	0	0	0	4.01442E-10	0	4.01442E-10	0.000401442
409652.393730854	409652.39	3730854	5.86517E-05	0	0	0	0	0	0	3.67125E-10	0	3.67125E-10	0.000367125
409692.393730854	409692.39	3730854	5.26038E-05	0	0	0	0	0	0	3.29269E-10	0	3.29269E-10	0.000329269
409732.393730854	409732.39	3730854	4.62111E-05	0	0	0	0	0	0	2.89254E-10	0	2.89254E-10	0.000289254
409752.393730854	409752.39	3730854	4.29777E-05	0	0	0	0	0	0	2.69015E-10	0	2.69015E-10	0.000269015
409772.393730854	409772.39	3730854	3.97868E-05	0	0	0	0	0	0	2.49042E-10	0	2.49042E-10	0.000249042
408826.883730862.43	408826.88	3730862.43	1.38187E-05	0	0	0	0	0	0	8.64972E-11	0	8.64972E-11	8.64972E-05
408846.883730862.43	408846.88	3730862.43	1.48094E-05	0	0	0	0	0	0	9.26981E-11	0	9.26981E-11	9.26981E-05
408886.883730862.43	408886.88	3730862.43	1.71104E-05	0	0	0	0	0	0	1.07101E-10	0	1.07101E-10	0.000107101
408926.883730862.43	408926.88	3730862.43	1.99154E-05	0	0	0	0	0	0	1.24659E-10	0	1.24659E-10	0.000124659
409226.653730860.18	409226.65	3730860.18	6.01857E-05	0	0	0	0	0	0	3.76727E-10	0	3.76727E-10	0.000376727
409275.963730860.53	409275.96	3730860.53	6.78731E-05	0	0	0	0	0	0	4.24846E-10	0	4.24846E-10	0.000424846
409321.973730861.65	409321.97	3730861.65	7.43447E-05	0	0	0	0	0	0	4.65354E-10	0	4.65354E-10	0.000465354
409432.393730874	409432.39	3730874	9.04581E-05	0	0	0	0	0	0	5.66215E-10	0	5.66215E-10	0.000566215
409472.393730874	409472.39	3730874	9.01605E-05	0	0	0	0	0	0	5.64351E-10	0	5.64351E-10	0.000564351
409492.393730874	409492.39	3730874	8.93982E-05	0	0	0	0	0	0	5.5958E-10	0	5.5958E-10	0.00055958
409512.393730874	409512.39	3730874	8.82469E-05	0	0	0	0	0	0	5.52373E-10	0	5.52373E-10	0.000552373
409552.393730874	409552.39	3730874	8.47568E-05	0	0	0	0	0	0	5.30527E-10	0	5.30527E-10	0.000530527
409572.393730874	409572.39	3730874	8.24085E-05	0	0	0	0	0	0	5.15829E-10	0	5.15829E-10	0.000515829
409592.393730874	409592.39	3730874	7.97027E-05	0	0	0	0	0	0	4.98892E-10	0	4.98892E-10	0.000498892
409612.393730874	409612.39	3730874	7.66709E-05	0	0	0	0	0	0	4.79915E-10	0	4.79915E-10	0.000479915
409652.393730874	409652.39	3730874	6.97284E-05	0	0	0	0	0	0	4.36459E-10	0	4.36459E-10	0.000436459
409692.393730874	409692.39	3730874	6.19623E-05	0	0	0	0	0	0	3.87847E-10	0	3.87847E-10	0.000387847
409732.393730874	409732.39	3730874	5.37315E-05	0	0	0	0	0	0	3.36328E-10	0	3.36328E-10	0.000336328
408826.883730882.43	408826.88	3730882.43	1.40235E-05	0	0	0	0	0	0	8.77788E-11	0	8.77788E-11	8.77788E-05
408846.883730882.43	408846.88	3730882.43	1.50661E-05	0	0	0	0	0	0	9.4305E-11	0	9.4305E-11	9.4305E-05
408886.883730882.43	408886.88	3730882.43	1.75136E-05	0	0	0	0	0	0	1.09625E-10	0	1.09625E-10	0.000109625
408926.883730882.43	408926.88	3730882.43	2.0547E-05	0	0	0	0	0	0	1.28612E-10	0	1.28612E-10	0.000128612
408966.883730882.43	408966.88	3730882.43	2.43175E-05	0	0	0	0	0	0	1.52213E-10	0	1.52213E-10	0.000152213
408986.883730882.43	408986.88	3730882.43	2.65319E-05	0	0	0	0	0	0	1.66074E-10	0	1.66074E-10	0.000166074
409006.883730882.43	409006.88	3730882.43	2.89951E-05	0	0	0	0	0	0	1.81492E-10	0	1.81492E-10	0.000181492
409026.883730882.43	409026.88	3730882.43	3.17261E-05	0	0	0	0	0	0	1.98587E-10	0	1.98587E-10	0.000198587
409046.883730882.43	409046.88	3730882.43	3.47327E-05	0	0	0	0	0	0	2.17406E-10	0	2.17406E-10	0.000217406
409066.883730882.43	409066.88	3730882.43	3.80275E-05	0	0	0	0	0	0	2.3803E-10	0	2.3803E-10	0.00023803
409086.883730882.43	409086.88	3730882.43	4.16027E-05	0	0	0	0	0	0	2.60408E-10	0	2.60408E-10	0.000260408
409106.883730882.43	409106.88	3730882.43	4.54314E-05	0	0	0	0	0	0	2.84374E-10	0	2.84374E-10	0.000284374
409126.883730882.43	409126.88	3730882.43	4.94807E-05	0	0	0	0	0	0	3.0972E-10	0	3.0972E-10	0.00030972
409175.153730884.08	409175.15	3730884.08	6.05511E-05	0	0	0	0	0	0	3.79014E-10	0	3.79014E-10	0.000379014
409226.653730880.18	409226.65	3730880.18	7.00167E-05	0	0	0	0	0	0	4.38263E-10	0	4.38263E-10	0.000438263
409275.963730880.53	409275.96	3730880.53	8.01122E-05	0	0	0	0	0	0	5.01455E-10	0	5.01455E-10	0.000501455
409321.973730881.65	409321.97	3730881.65	8.85335E-05	0	0	0	0	0	0	5.54168E-10	0	5.54168E-10	0.000554168
409432.393730894	409432.39	3730894	0.000109518	0	0	0	0	0	0	6.8552E-10	0	6.8552E-10	0.00068552
409472.393730894	409472.39	3730894	0.000109345	0	0	0	0	0	0	6.84436E-10	0	6.84436E-10	0.000684436
409492.393730894	409492.39	3730894	0.000108525	0	0	0	0	0	0	6.793E-10	0	6.793E-10	0.0006793

409512.393730894	409512.39	3730894	0.000107228	0	0	0	0	0	0	6.71186E-10	0	6.71186E-10	0.000671186
409552.393730894	409552.39	3730894	0.000103143	0	0	0	0	0	0	6.45614E-10	0	6.45614E-10	0.000645614
409572.393730894	409572.39	3730894	0.000100324	0	0	0	0	0	0	6.27967E-10	0	6.27967E-10	0.000627967
409592.393730894	409592.39	3730894	9.70068E-05	0	0	0	0	0	0	6.07206E-10	0	6.07206E-10	0.000607206
409612.393730894	409612.39	3730894	9.32159E-05	0	0	0	0	0	0	5.83477E-10	0	5.83477E-10	0.000583477
409652.393730894	409652.39	3730894	8.43331E-05	0	0	0	0	0	0	5.27875E-10	0	5.27875E-10	0.000527875
409672.393730894	409672.39	3730894	7.93735E-05	0	0	0	0	0	0	4.96831E-10	0	4.96831E-10	0.000496831
409692.393730894	409692.39	3730894	7.4184E-05	0	0	0	0	0	0	4.64348E-10	0	4.64348E-10	0.000464348
409732.393730894	409732.39	3730894	6.33514E-05	0	0	0	0	0	0	3.96542E-10	0	3.96542E-10	0.000396542
408826.883730902.43	408826.88	3730902.43	1.41826E-05	0	0	0	0	0	0	8.87745E-11	0	8.87745E-11	8.87745E-05
408846.883730902.43	408846.88	3730902.43	1.52709E-05	0	0	0	0	0	0	9.55866E-11	0	9.55866E-11	9.55866E-05
408886.883730902.43	408886.88	3730902.43	1.78538E-05	0	0	0	0	0	0	1.11754E-10	0	1.11754E-10	0.000111754
408926.883730902.43	408926.88	3730902.43	2.11045E-05	0	0	0	0	0	0	1.32102E-10	0	1.32102E-10	0.000132102
408966.883730902.43	408966.88	3730902.43	2.52309E-05	0	0	0	0	0	0	1.57931E-10	0	1.57931E-10	0.000157931
408986.883730902.43	408986.88	3730902.43	2.76989E-05	0	0	0	0	0	0	1.73379E-10	0	1.73379E-10	0.000173379
409006.883730902.43	409006.88	3730902.43	3.04835E-05	0	0	0	0	0	0	1.90808E-10	0	1.90808E-10	0.000190808
409026.883730902.43	409026.88	3730902.43	3.36192E-05	0	0	0	0	0	0	2.10436E-10	0	2.10436E-10	0.000210436
409046.883730902.43	409046.88	3730902.43	3.71345E-05	0	0	0	0	0	0	2.3244E-10	0	2.3244E-10	0.00023244
409066.883730902.43	409066.88	3730902.43	4.10625E-05	0	0	0	0	0	0	2.57027E-10	0	2.57027E-10	0.000257027
409086.883730902.43	409086.88	3730902.43	4.54141E-05	0	0	0	0	0	0	2.84266E-10	0	2.84266E-10	0.000284266
409175.153730904.08	409175.15	3730904.08	6.97206E-05	0	0	0	0	0	0	4.3641E-10	0	4.3641E-10	0.00043641
409226.653730900.18	409226.65	3730900.18	8.25156E-05	0	0	0	0	0	0	5.16499E-10	0	5.16499E-10	0.000516499
409275.963730900.53	409275.96	3730900.53	9.60209E-05	0	0	0	0	0	0	6.01034E-10	0	6.01034E-10	0.000601034
409321.973730901.65	409321.97	3730901.65	0.000107112	0	0	0	0	0	0	6.70457E-10	0	6.70457E-10	0.000670457
409412.393730914	409412.39	3730914	0.000133908	0	0	0	0	0	0	8.38187E-10	0	8.38187E-10	0.000838187
409432.393730914	409432.39	3730914	0.000134803	0	0	0	0	0	0	8.43786E-10	0	8.43786E-10	0.000843786
409472.393730914	409472.39	3730914	0.000134842	0	0	0	0	0	0	8.44033E-10	0	8.44033E-10	0.000844033
409492.393730914	409492.39	3730914	0.000133995	0	0	0	0	0	0	8.38729E-10	0	8.38729E-10	0.000838729
409512.393730914	409512.39	3730914	0.00013256	0	0	0	0	0	0	8.29748E-10	0	8.29748E-10	0.000829748
409552.393730914	409552.39	3730914	0.00012783	0	0	0	0	0	0	8.00143E-10	0	8.00143E-10	0.000800143
409572.393730914	409572.39	3730914	0.000124474	0	0	0	0	0	0	7.79135E-10	0	7.79135E-10	0.000779135
409592.393730914	409592.39	3730914	0.000120425	0	0	0	0	0	0	7.5379E-10	0	7.5379E-10	0.00075379
409612.393730914	409612.39	3730914	0.000115683	0	0	0	0	0	0	7.24106E-10	0	7.24106E-10	0.000724106
409652.393730914	409652.39	3730914	0.000104211	0	0	0	0	0	0	6.52298E-10	0	6.52298E-10	0.000652298
409692.393730914	409692.39	3730914	9.06629E-05	0	0	0	0	0	0	5.67496E-10	0	5.67496E-10	0.000567496
409732.393730914	409732.39	3730914	7.60031E-05	0	0	0	0	0	0	4.75735E-10	0	4.75735E-10	0.000475735
408826.883730922.43	408826.88	3730922.43	1.42912E-05	0	0	0	0	0	0	8.94547E-11	0	8.94547E-11	8.94547E-05
408846.883730922.43	408846.88	3730922.43	1.54189E-05	0	0	0	0	0	0	9.65133E-11	0	9.65133E-11	9.65133E-05
408886.883730922.43	408886.88	3730922.43	1.81168E-05	0	0	0	0	0	0	1.13401E-10	0	1.13401E-10	0.000113401
408926.883730922.43	408926.88	3730922.43	2.15676E-05	0	0	0	0	0	0	1.35E-10	0	1.35E-10	0.000135
408966.883730922.43	408966.88	3730922.43	2.60358E-05	0	0	0	0	0	0	1.62968E-10	0	1.62968E-10	0.000162968
408986.883730922.43	408986.88	3730922.43	2.8762E-05	0	0	0	0	0	0	1.80033E-10	0	1.80033E-10	0.000180033
409006.883730922.43	409006.88	3730922.43	3.18836E-05	0	0	0	0	0	0	1.99573E-10	0	1.99573E-10	0.000199573
409026.883730922.43	409026.88	3730922.43	3.54588E-05	0	0	0	0	0	0	2.21951E-10	0	2.21951E-10	0.000221951
409046.883730922.43	409046.88	3730922.43	3.95427E-05	0	0	0	0	0	0	2.47514E-10	0	2.47514E-10	0.000247514
409066.883730922.43	409066.88	3730922.43	4.42046E-05	0	0	0	0	0	0	2.76694E-10	0	2.76694E-10	0.000276694
409086.883730922.43	409086.88	3730922.43	4.94949E-05	0	0	0	0	0	0	3.09809E-10	0	3.09809E-10	0.000309809
409175.153730924.08	409175.15	3730924.08	8.10887E-05	0	0	0	0	0	0	5.07567E-10	0	5.07567E-10	0.000507567
409226.653730920.18	409226.65	3730920.18	9.8848E-05	0	0	0	0	0	0	6.1873E-10	0	6.1873E-10	0.00061873
409275.963730920.53	409275.96	3730920.53	0.000117355	0	0	0	0	0	0	7.34576E-10	0	7.34576E-10	0.000734576
409321.973730921.65	409321.97	3730921.65	0.000132179	0	0	0	0	0	0	8.27362E-10	0	8.27362E-10	0.000827362
409341.973730921.65	409341.97	3730921.65	0.000136572	0	0	0	0	0	0	8.54857E-10	0	8.54857E-10	0.000854857
409732.393730934	409732.39	3730934	9.32206E-05	0	0	0	0	0	0	5.83506E-10	0	5.83506E-10	0.000583506
408826.883730942.43	408826.88	3730942.43	1.43448E-05	0	0	0	0	0	0	8.97899E-11	0	8.97899E-11	8.97899E-05
408846.883730942.43	408846.88	3730942.43	1.55024E-05	0	0	0	0	0	0	9.70358E-11	0	9.70358E-11	9.70358E-05
408886.883730942.43	408886.88	3730942.43	1.82948E-05	0	0	0	0	0	0	1.14515E-10	0	1.14515E-10	0.000114515

408926.883730942.43	408926.88	3730942.43	2.19156E-05	0	0	0	0	0	0	1.37179E-10	0	1.37179E-10	0.000137179
408966.883730942.43	408966.88	3730942.43	2.66957E-05	0	0	0	0	0	0	1.67099E-10	0	1.67099E-10	0.000167099
408986.883730942.43	408986.88	3730942.43	2.96676E-05	0	0	0	0	0	0	1.85702E-10	0	1.85702E-10	0.000185702
409006.883730942.43	409006.88	3730942.43	3.31294E-05	0	0	0	0	0	0	2.0737E-10	0	2.0737E-10	0.00020737
409026.883730942.43	409026.88	3730942.43	3.71597E-05	0	0	0	0	0	0	2.32598E-10	0	2.32598E-10	0.000232598
409046.883730942.43	409046.88	3730942.43	4.18594E-05	0	0	0	0	0	0	2.62015E-10	0	2.62015E-10	0.000262015
409066.883730942.43	409066.88	3730942.43	4.73498E-05	0	0	0	0	0	0	2.96382E-10	0	2.96382E-10	0.000296382
409086.883730942.43	409086.88	3730942.43	5.37551E-05	0	0	0	0	0	0	3.36476E-10	0	3.36476E-10	0.000336476
409175.153730944.08	409175.15	3730944.08	9.54334E-05	0	0	0	0	0	0	5.97357E-10	0	5.97357E-10	0.000597357
409412.393730954	409412.39	3730954	0.000217109	0	0	0	0	0	0	1.35897E-09	0	1.35897E-09	0.001358974
409432.393730954	409432.39	3730954	0.000218747	0	0	0	0	0	0	1.36923E-09	0	1.36923E-09	0.001369227
409452.393730954	409452.39	3730954	0.000219593	0	0	0	0	0	0	1.37452E-09	0	1.37452E-09	0.001374521
409472.393730954	409472.39	3730954	0.00021964	0	0	0	0	0	0	1.37482E-09	0	1.37482E-09	0.001374817
409516.953730961.6	409516.95	3730961.6	0.00024163	0	0	0	0	0	0	1.51246E-09	0	1.51246E-09	0.001512459
409536.953730961.6	409536.95	3730961.6	0.000238914	0	0	0	0	0	0	1.49546E-09	0	1.49546E-09	0.001495463
409556.953730961.6	409556.95	3730961.6	0.000235075	0	0	0	0	0	0	1.47143E-09	0	1.47143E-09	0.001471428
409576.953730961.6	409576.95	3730961.6	0.000229967	0	0	0	0	0	0	1.43946E-09	0	1.43946E-09	0.001439458
409596.953730961.6	409596.95	3730961.6	0.000223363	0	0	0	0	0	0	1.39812E-09	0	1.39812E-09	0.001398122
409616.953730961.6	409616.95	3730961.6	0.000215046	0	0	0	0	0	0	1.34606E-09	0	1.34606E-09	0.00134606
409636.953730961.6	409636.95	3730961.6	0.000204782	0	0	0	0	0	0	1.28181E-09	0	1.28181E-09	0.001281813
409656.953730961.6	409656.95	3730961.6	0.000192399	0	0	0	0	0	0	1.20431E-09	0	1.20431E-09	0.001204306
409676.953730961.6	409676.95	3730961.6	0.000177914	0	0	0	0	0	0	1.11364E-09	0	1.11364E-09	0.001113639
409696.953730961.6	409696.95	3730961.6	0.000161579	0	0	0	0	0	0	1.01139E-09	0	1.01139E-09	0.001011388
409716.953730961.6	409716.95	3730961.6	0.000143952	0	0	0	0	0	0	9.01054E-10	0	9.01054E-10	0.000901054
409732.393730954	409732.39	3730954	0.000117749	0	0	0	0	0	0	7.3704E-10	0	7.3704E-10	0.00073704
408826.883730962.43	408826.88	3730962.43	1.43448E-05	0	0	0	0	0	0	8.97899E-11	0	8.97899E-11	8.97899E-05
408846.883730962.43	408846.88	3730962.43	1.55213E-05	0	0	0	0	0	0	9.71541E-11	0	9.71541E-11	9.71541E-05
408886.883730962.43	408886.88	3730962.43	1.83798E-05	0	0	0	0	0	0	1.15047E-10	0	1.15047E-10	0.000115047
408926.883730962.43	408926.88	3730962.43	2.21314E-05	0	0	0	0	0	0	1.3853E-10	0	1.3853E-10	0.00013853
408966.883730962.43	408966.88	3730962.43	2.71776E-05	0	0	0	0	0	0	1.70116E-10	0	1.70116E-10	0.000170116
408986.883730962.43	408986.88	3730962.43	3.03685E-05	0	0	0	0	0	0	1.90089E-10	0	1.90089E-10	0.000190089
409006.883730962.43	409006.88	3730962.43	3.41374E-05	0	0	0	0	0	0	2.1368E-10	0	2.1368E-10	0.00021368
409026.883730962.43	409026.88	3730962.43	3.86103E-05	0	0	0	0	0	0	2.41678E-10	0	2.41678E-10	0.000241678
409046.883730962.43	409046.88	3730962.43	4.39384E-05	0	0	0	0	0	0	2.75028E-10	0	2.75028E-10	0.000275028
409066.883730962.43	409066.88	3730962.43	5.03312E-05	0	0	0	0	0	0	3.15043E-10	0	3.15043E-10	0.000315043
409086.883730962.43	409086.88	3730962.43	5.80138E-05	0	0	0	0	0	0	3.63132E-10	0	3.63132E-10	0.000363132
409195.153730964.08	409195.15	3730964.08	0.000131248	0	0	0	0	0	0	8.21536E-10	0	8.21536E-10	0.000821536
409215.153730964.08	409215.15	3730964.08	0.000149513	0	0	0	0	0	0	9.35863E-10	0	9.35863E-10	0.000935863
409235.153730964.08	409235.15	3730964.08	0.000167784	0	0	0	0	0	0	1.05023E-09	0	1.05023E-09	0.00105023
409255.153730964.08	409255.15	3730964.08	0.000185036	0	0	0	0	0	0	1.15822E-09	0	1.15822E-09	0.001158219
409275.153730964.08	409275.15	3730964.08	0.000200369	0	0	0	0	0	0	1.25419E-09	0	1.25419E-09	0.00125419
409295.153730964.08	409295.15	3730964.08	0.000213323	0	0	0	0	0	0	1.33527E-09	0	1.33527E-09	0.001335275
409315.153730964.08	409315.15	3730964.08	0.000223884	0	0	0	0	0	0	1.40138E-09	0	1.40138E-09	0.001401385
409335.153730964.08	409335.15	3730964.08	0.000232303	0	0	0	0	0	0	1.45408E-09	0	1.45408E-09	0.001454078
409472.393730974	409472.39	3730974	0.00029475	0	0	0	0	0	0	1.84496E-09	0	1.84496E-09	0.001844961
408826.883730982.43	408826.88	3730982.43	1.42881E-05	0	0	0	0	0	0	8.9435E-11	0	8.9435E-11	8.9435E-05
408846.883730982.43	408846.88	3730982.43	1.5474E-05	0	0	0	0	0	0	9.68583E-11	0	9.68583E-11	9.68583E-05
408886.883730982.43	408886.88	3730982.43	1.83672E-05	0	0	0	0	0	0	1.14968E-10	0	1.14968E-10	0.000114968
408926.883730982.43	408926.88	3730982.43	2.22039E-05	0	0	0	0	0	0	1.38983E-10	0	1.38983E-10	0.000138983
408966.883730982.43	408966.88	3730982.43	2.7439E-05	0	0	0	0	0	0	1.71752E-10	0	1.71752E-10	0.000171752
408986.883730982.43	408986.88	3730982.43	3.07984E-05	0	0	0	0	0	0	1.9278E-10	0	1.9278E-10	0.00019278
409006.883730982.43	409006.88	3730982.43	3.48209E-05	0	0	0	0	0	0	2.17958E-10	0	2.17958E-10	0.000217958
409026.883730982.43	409026.88	3730982.43	3.96828E-05	0	0	0	0	0	0	2.48391E-10	0	2.48391E-10	0.000248391
409046.883730982.43	409046.88	3730982.43	4.55984E-05	0	0	0	0	0	0	2.85419E-10	0	2.85419E-10	0.000285419
409066.883730982.43	409066.88	3730982.43	5.28858E-05	0	0	0	0	0	0	3.31034E-10	0	3.31034E-10	0.000331034
409086.883730982.43	409086.88	3730982.43	6.19434E-05	0	0	0	0	0	0	3.87729E-10	0	3.87729E-10	0.000387729

409412.393730994	409412.39	3730994	0.000410861	0	0	0	0	0	0	2.57175E-09	0	2.57175E-09	0.002571749
409432.393730994	409432.39	3730994	0.000413986	0	0	0	0	0	0	2.59131E-09	0	2.59131E-09	0.002591308
409452.393730994	409452.39	3730994	0.00041594	0	0	0	0	0	0	2.60354E-09	0	2.60354E-09	0.002603542
409472.393730994	409472.39	3730994	0.000416761	0	0	0	0	0	0	2.60868E-09	0	2.60868E-09	0.002608678
408826.883731002.43	408826.88	3731002.43	1.41763E-05	0	0	0	0	0	0	8.8735E-11	0	8.8735E-11	8.8735E-05
408846.883731002.43	408846.88	3731002.43	1.53606E-05	0	0	0	0	0	0	9.61485E-11	0	9.61485E-11	9.61485E-05
408886.883731002.43	408886.88	3731002.43	1.82601E-05	0	0	0	0	0	0	1.14298E-10	0	1.14298E-10	0.000114298
408926.883731002.43	408926.88	3731002.43	2.21283E-05	0	0	0	0	0	0	1.3851E-10	0	1.3851E-10	0.00013851
408966.883731002.43	408966.88	3731002.43	2.74642E-05	0	0	0	0	0	0	1.7191E-10	0	1.7191E-10	0.00017191
408986.883731002.43	408986.88	3731002.43	3.0926E-05	0	0	0	0	0	0	1.93579E-10	0	1.93579E-10	0.000193579
409006.883731002.43	409006.88	3731002.43	3.51186E-05	0	0	0	0	0	0	2.19822E-10	0	2.19822E-10	0.000219822
409026.883731002.43	409026.88	3731002.43	4.02608E-05	0	0	0	0	0	0	2.52009E-10	0	2.52009E-10	0.000252009
409046.883731002.43	409046.88	3731002.43	4.66426E-05	0	0	0	0	0	0	2.91955E-10	0	2.91955E-10	0.000291955
409066.883731002.43	409066.88	3731002.43	5.47017E-05	0	0	0	0	0	0	3.424E-10	0	3.424E-10	0.0003424
409086.883731002.43	409086.88	3731002.43	6.50634E-05	0	0	0	0	0	0	4.07258E-10	0	4.07258E-10	0.000407258
409086.883731022.43	409086.88	3731022.43	6.68211E-05	0	0	0	0	0	0	4.1826E-10	0	4.1826E-10	0.00041826
408818.973731039.27	408818.97	3731039.27	1.3425E-05	0	0	0	0	0	0	8.40326E-11	0	8.40326E-11	8.40326E-05
408838.973731039.27	408838.97	3731039.27	1.45259E-05	0	0	0	0	0	0	9.09236E-11	0	9.09236E-11	9.09236E-05
408858.973731039.27	408858.97	3731039.27	1.57796E-05	0	0	0	0	0	0	9.87709E-11	0	9.87709E-11	9.87709E-05
408878.973731039.27	408878.97	3731039.27	1.72144E-05	0	0	0	0	0	0	1.07752E-10	0	1.07752E-10	0.000107752
408898.973731039.27	408898.97	3731039.27	1.88712E-05	0	0	0	0	0	0	1.18123E-10	0	1.18123E-10	0.000118123
408918.973731039.27	408918.97	3731039.27	2.0799E-05	0	0	0	0	0	0	1.30189E-10	0	1.30189E-10	0.000130189
408938.973731039.27	408938.97	3731039.27	2.30622E-05	0	0	0	0	0	0	1.44356E-10	0	1.44356E-10	0.000144356
408958.973731039.27	408958.97	3731039.27	2.57428E-05	0	0	0	0	0	0	1.61135E-10	0	1.61135E-10	0.000161135
408978.973731039.27	408978.97	3731039.27	2.89636E-05	0	0	0	0	0	0	1.81295E-10	0	1.81295E-10	0.000181295
408998.973731039.27	408998.97	3731039.27	3.28758E-05	0	0	0	0	0	0	2.05783E-10	0	2.05783E-10	0.000205783
409018.973731039.27	409018.97	3731039.27	3.7711E-05	0	0	0	0	0	0	2.36048E-10	0	2.36048E-10	0.000236048
409038.973731039.27	409038.97	3731039.27	4.37935E-05	0	0	0	0	0	0	2.74121E-10	0	2.74121E-10	0.000274121
409058.973731039.27	409058.97	3731039.27	5.16211E-05	0	0	0	0	0	0	3.23117E-10	0	3.23117E-10	0.000323117
409076.63731038.48	409076.6	3731038.48	6.06015E-05	0	0	0	0	0	0	3.7933E-10	0	3.7933E-10	0.00037933
408952.393731094	408952.39	3731094	2.3289E-05	0	0	0	0	0	0	1.45775E-10	0	1.45775E-10	0.000145775
408972.393731094	408972.39	3731094	2.60704E-05	0	0	0	0	0	0	1.63185E-10	0	1.63185E-10	0.000163185
409012.393731094	409012.39	3731094	3.3542E-05	0	0	0	0	0	0	2.09953E-10	0	2.09953E-10	0.000209953
409032.393731094	409032.39	3731094	3.86764E-05	0	0	0	0	0	0	2.42092E-10	0	2.42092E-10	0.000242092
409052.393731094	409052.39	3731094	4.52204E-05	0	0	0	0	0	0	2.83053E-10	0	2.83053E-10	0.000283053
409072.393731094	409072.39	3731094	5.37866E-05	0	0	0	0	0	0	3.36673E-10	0	3.36673E-10	0.000336673
409333.043731097.23	409333.04	3731097.23	0.002393492	0	0	0	0	0	0	1.49818E-08	0	1.49818E-08	0.01498185
408952.393731114	408952.39	3731114	2.26858E-05	0	0	0	0	0	0	1.42E-10	0	1.42E-10	0.000142
408972.393731114	408972.39	3731114	2.5368E-05	0	0	0	0	0	0	1.58789E-10	0	1.58789E-10	0.000158789
409012.393731114	409012.39	3731114	3.25545E-05	0	0	0	0	0	0	2.03772E-10	0	2.03772E-10	0.000203772
409032.393731114	409032.39	3731114	3.7481E-05	0	0	0	0	0	0	2.34609E-10	0	2.34609E-10	0.000234609
409052.393731114	409052.39	3731114	4.37478E-05	0	0	0	0	0	0	2.73836E-10	0	2.73836E-10	0.000273836
409072.393731114	409072.39	3731114	5.1925E-05	0	0	0	0	0	0	3.2502E-10	0	3.2502E-10	0.00032502
409112.493731137.53	409112.49	3731137.53	7.46124E-05	0	0	0	0	0	0	4.6703E-10	0	4.6703E-10	0.00046703
409172.393731114	409172.39	3731114	0.000192771	0	0	0	0	0	0	1.20663E-09	0	1.20663E-09	0.00120663
409192.393731114	409192.39	3731114	0.000289362	0	0	0	0	0	0	1.81124E-09	0	1.81124E-09	0.001811236
409212.393731114	409212.39	3731114	0.000458861	0	0	0	0	0	0	2.8722E-09	0	2.8722E-09	0.002872202
409232.393731114	409232.39	3731114	0.000797318	0	0	0	0	0	0	4.99074E-09	0	4.99074E-09	0.004990743
409252.393731114	409252.39	3731114	0.001189176	0	0	0	0	0	0	7.44354E-09	0	7.44354E-09	0.007443541
409272.393731114	409272.39	3731114	0.001411604	0	0	0	0	0	0	8.83581E-09	0	8.83581E-09	0.008835807
409292.393731114	409292.39	3731114	0.001522919	0	0	0	0	0	0	9.53258E-09	0	9.53258E-09	0.009532575
409333.043731117.23	409333.04	3731117.23	0.001528206	0	0	0	0	0	0	9.56567E-09	0	9.56567E-09	0.00956567
409472.393731114	409472.39	3731114	0.001701701	0	0	0	0	0	0	1.06516E-08	0	1.06516E-08	0.010651647
409492.393731114	409492.39	3731114	0.001705487	0	0	0	0	0	0	1.06753E-08	0	1.06753E-08	0.010675346
409532.393731114	409532.39	3731114	0.001702131	0	0	0	0	0	0	1.06543E-08	0	1.06543E-08	0.010654338
409572.393731114	409572.39	3731114	0.001684945	0	0	0	0	0	0	1.05468E-08	0	1.05468E-08	0.010546764

409592.393731114	409592.39	3731114	0.001672462	0	0	0	0	0	0	0	1.04686E-08	0	1.04686E-08	0.010468626
409612.393731114	409612.39	3731114	0.001658879	0	0	0	0	0	0	0	1.03836E-08	0	1.03836E-08	0.010383608
409632.393731114	409632.39	3731114	0.001639635	0	0	0	0	0	0	0	1.02631E-08	0	1.02631E-08	0.010263149
409652.393731114	409652.39	3731114	0.001612519	0	0	0	0	0	0	0	1.00934E-08	0	1.00934E-08	0.010093417
409672.393731114	409672.39	3731114	0.001569473	0	0	0	0	0	0	0	9.82398E-09	0	9.82398E-09	0.009823979
409692.393731114	409692.39	3731114	0.001491738	0	0	0	0	0	0	0	9.3374E-09	0	9.3374E-09	0.0093374
408952.393731134	408952.39	3731134	2.21377E-05	0	0	0	0	0	0	0	1.38569E-10	0	1.38569E-10	0.000138569
408972.393731134	408972.39	3731134	2.47396E-05	0	0	0	0	0	0	0	1.54855E-10	0	1.54855E-10	0.000154855
409012.393731134	409012.39	3731134	3.17072E-05	0	0	0	0	0	0	0	1.98468E-10	0	1.98468E-10	0.000198468
409032.393731134	409032.39	3731134	3.64746E-05	0	0	0	0	0	0	0	2.2831E-10	0	2.2831E-10	0.00022831
409052.393731134	409052.39	3731134	4.25225E-05	0	0	0	0	0	0	0	2.66166E-10	0	2.66166E-10	0.000266166
409072.393731134	409072.39	3731134	5.03705E-05	0	0	0	0	0	0	0	3.1529E-10	0	3.1529E-10	0.00031529
409333.043731137.23	409333.04	3731137.23	0.00106853	0	0	0	0	0	0	0	6.68837E-09	0	6.68837E-09	0.006688371
409472.393731134	409472.39	3731134	0.001222011	0	0	0	0	0	0	0	7.64907E-09	0	7.64907E-09	0.007649068
409492.393731134	409492.39	3731134	0.001223411	0	0	0	0	0	0	0	7.65783E-09	0	7.65783E-09	0.007657832
409532.393731134	409532.39	3731134	0.001221141	0	0	0	0	0	0	0	7.64363E-09	0	7.64363E-09	0.007643626
409552.393731134	409552.39	3731134	0.001217426	0	0	0	0	0	0	0	7.62037E-09	0	7.62037E-09	0.00762037
409572.393731134	409572.39	3731134	0.001210411	0	0	0	0	0	0	0	7.57646E-09	0	7.57646E-09	0.007576461
409612.393731134	409612.39	3731134	0.001185379	0	0	0	0	0	0	0	7.41977E-09	0	7.41977E-09	0.007419772
409632.393731134	409632.39	3731134	0.001168909	0	0	0	0	0	0	0	7.31668E-09	0	7.31668E-09	0.007316683
409652.393731134	409652.39	3731134	0.00114491	0	0	0	0	0	0	0	7.16646E-09	0	7.16646E-09	0.007166462
409672.393731134	409672.39	3731134	0.001110925	0	0	0	0	0	0	0	6.95374E-09	0	6.95374E-09	0.006953738
409692.393731134	409692.39	3731134	0.001062634	0	0	0	0	0	0	0	6.65146E-09	0	6.65146E-09	0.006651461
409712.393731134	409712.39	3731134	0.000992319	0	0	0	0	0	0	0	6.21134E-09	0	6.21134E-09	0.006211335
409732.393731134	409732.39	3731134	0.000869721	0	0	0	0	0	0	0	5.44394E-09	0	5.44394E-09	0.005443941
408952.393731154	408952.39	3731154	2.16794E-05	0	0	0	0	0	0	0	1.357E-10	0	1.357E-10	0.0001357
408972.393731154	408972.39	3731154	2.42245E-05	0	0	0	0	0	0	0	1.51631E-10	0	1.51631E-10	0.000151631
409012.393731154	409012.39	3731154	3.10268E-05	0	0	0	0	0	0	0	1.9421E-10	0	1.9421E-10	0.00019421
409032.393731154	409032.39	3731154	3.56604E-05	0	0	0	0	0	0	0	2.23213E-10	0	2.23213E-10	0.000223213
409052.393731154	409052.39	3731154	4.14972E-05	0	0	0	0	0	0	0	2.59748E-10	0	2.59748E-10	0.000259748
409072.393731154	409072.39	3731154	4.89688E-05	0	0	0	0	0	0	0	3.06516E-10	0	3.06516E-10	0.000306516
409092.393731154	409092.39	3731154	5.86942E-05	0	0	0	0	0	0	0	3.67391E-10	0	3.67391E-10	0.000367391
409112.393731154	409112.39	3731154	7.15286E-05	0	0	0	0	0	0	0	4.47727E-10	0	4.47727E-10	0.000447727
409172.393731154	409172.39	3731154	0.000142251	0	0	0	0	0	0	0	8.90407E-10	0	8.90407E-10	0.000890407
409192.393731154	409192.39	3731154	0.000183735	0	0	0	0	0	0	0	1.15008E-09	0	1.15008E-09	0.001150076
409212.393731154	409212.39	3731154	0.000245717	0	0	0	0	0	0	0	1.53804E-09	0	1.53804E-09	0.001538041
409232.393731154	409232.39	3731154	0.000348571	0	0	0	0	0	0	0	2.18185E-09	0	2.18185E-09	0.002181851
409252.393731154	409252.39	3731154	0.000489047	0	0	0	0	0	0	0	3.06115E-09	0	3.06115E-09	0.003061147
409272.393731154	409272.39	3731154	0.000622363	0	0	0	0	0	0	0	3.89563E-09	0	3.89563E-09	0.003895627
409292.393731154	409292.39	3731154	0.000718831	0	0	0	0	0	0	0	4.49946E-09	0	4.49946E-09	0.004499461
409333.043731157.23	409333.04	3731157.23	0.000788166	0	0	0	0	0	0	0	4.93346E-09	0	4.93346E-09	0.004933456
409432.393731154	409432.39	3731154	0.000913031	0	0	0	0	0	0	0	5.71504E-09	0	5.71504E-09	0.005715036
409452.393731154	409452.39	3731154	0.000922024	0	0	0	0	0	0	0	5.77133E-09	0	5.77133E-09	0.005771327
409472.393731154	409472.39	3731154	0.000926774	0	0	0	0	0	0	0	5.80106E-09	0	5.80106E-09	0.00580106
409492.393731154	409492.39	3731154	0.000929428	0	0	0	0	0	0	0	5.81767E-09	0	5.81767E-09	0.005817671
409532.393731154	409532.39	3731154	0.000929527	0	0	0	0	0	0	0	5.81829E-09	0	5.81829E-09	0.005818292
409552.393731154	409552.39	3731154	0.000926973	0	0	0	0	0	0	0	5.8023E-09	0	5.8023E-09	0.005802302
409612.393731154	409612.39	3731154	0.000903888	0	0	0	0	0	0	0	5.65781E-09	0	5.65781E-09	0.005657808
409632.393731154	409632.39	3731154	0.000890241	0	0	0	0	0	0	0	5.57239E-09	0	5.57239E-09	0.005572386
409652.393731154	409652.39	3731154	0.000871499	0	0	0	0	0	0	0	5.45507E-09	0	5.45507E-09	0.005455071
409672.393731154	409672.39	3731154	0.000846013	0	0	0	0	0	0	0	5.29554E-09	0	5.29554E-09	0.005295543
409712.393731154	409712.39	3731154	0.000765158	0	0	0	0	0	0	0	4.78944E-09	0	4.78944E-09	0.004789435
409732.393731154	409732.39	3731154	0.000689759	0	0	0	0	0	0	0	4.31749E-09	0	4.31749E-09	0.004317486
408952.393731174	408952.39	3731174	2.13156E-05	0	0	0	0	0	0	0	1.33423E-10	0	1.33423E-10	0.000133423
408972.393731174	408972.39	3731174	2.38182E-05	0	0	0	0	0	0	0	1.49088E-10	0	1.49088E-10	0.000149088
409172.393731174	409172.39	3731174	0.000121617	0	0	0	0	0	0	0	7.61252E-10	0	7.61252E-10	0.000761252

409292.393731174	409292.39	3731174	0.0005269	0	0	0	0	0	0	3.29808E-09	0	3.29808E-09	0.003298083
409333.043731177.23	409333.04	3731177.23	0.000602722	0	0	0	0	0	0	3.77268E-09	0	3.77268E-09	0.003772684
409432.393731174	409432.39	3731174	0.000717384	0	0	0	0	0	0	4.4904E-09	0	4.4904E-09	0.004490402
409452.393731174	409452.39	3731174	0.000725265	0	0	0	0	0	0	4.53973E-09	0	4.53973E-09	0.004539733
409472.393731174	409472.39	3731174	0.000731117	0	0	0	0	0	0	4.57669E-09	0	4.57669E-09	0.004576692
409492.393731174	409492.39	3731174	0.000734587	0	0	0	0	0	0	4.59808E-09	0	4.59808E-09	0.004598084
409532.393731174	409532.39	3731174	0.000736471	0	0	0	0	0	0	4.60988E-09	0	4.60988E-09	0.004609875
409552.393731174	409552.39	3731174	0.000734827	0	0	0	0	0	0	4.59958E-09	0	4.59958E-09	0.004599583
409572.393731174	409572.39	3731174	0.000731209	0	0	0	0	0	0	4.57694E-09	0	4.57694E-09	0.004576938
409612.393731174	409612.39	3731174	0.000717538	0	0	0	0	0	0	4.49137E-09	0	4.49137E-09	0.004491368
409632.393731174	409632.39	3731174	0.000706643	0	0	0	0	0	0	4.42317E-09	0	4.42317E-09	0.004423168
409652.393731174	409652.39	3731174	0.000692281	0	0	0	0	0	0	4.33327E-09	0	4.33327E-09	0.004333269
409672.393731174	409672.39	3731174	0.000673635	0	0	0	0	0	0	4.21656E-09	0	4.21656E-09	0.004216556
409692.393731174	409692.39	3731174	0.000649298	0	0	0	0	0	0	4.06422E-09	0	4.06422E-09	0.004064225
409712.393731174	409712.39	3731174	0.000616668	0	0	0	0	0	0	3.85998E-09	0	3.85998E-09	0.00385998
409732.393731174	409732.39	3731174	0.000566362	0	0	0	0	0	0	3.54509E-09	0	3.54509E-09	0.003545094
408952.393731194	408952.39	3731194	2.10289E-05	0	0	0	0	0	0	1.31629E-10	0	1.31629E-10	0.000131629
408972.393731194	408972.39	3731194	2.34859E-05	0	0	0	0	0	0	1.47008E-10	0	1.47008E-10	0.000147008
409012.393731194	409012.39	3731194	2.99291E-05	0	0	0	0	0	0	1.87338E-10	0	1.87338E-10	0.000187338
409032.393731194	409032.39	3731194	3.41846E-05	0	0	0	0	0	0	2.13976E-10	0	2.13976E-10	0.000213976
409052.393731194	409052.39	3731194	3.93537E-05	0	0	0	0	0	0	2.46331E-10	0	2.46331E-10	0.000246331
409072.393731194	409072.39	3731194	4.56519E-05	0	0	0	0	0	0	2.85754E-10	0	2.85754E-10	0.000285754
409112.393731194	409112.39	3731194	6.26442E-05	0	0	0	0	0	0	3.92116E-10	0	3.92116E-10	0.000392116
409132.393731194	409132.39	3731194	7.40612E-05	0	0	0	0	0	0	4.63579E-10	0	4.63579E-10	0.000463579
409172.393731194	409172.39	3731194	0.000104786	0	0	0	0	0	0	6.55896E-10	0	6.55896E-10	0.000655896
409192.393731194	409192.39	3731194	0.000126328	0	0	0	0	0	0	7.90739E-10	0	7.90739E-10	0.000790739
409212.393731194	409212.39	3731194	0.000156602	0	0	0	0	0	0	9.80236E-10	0	9.80236E-10	0.000980236
409232.393731194	409232.39	3731194	0.000201855	0	0	0	0	0	0	1.2635E-09	0	1.2635E-09	0.001263496
409252.393731194	409252.39	3731194	0.000263797	0	0	0	0	0	0	1.65122E-09	0	1.65122E-09	0.001651215
409272.393731194	409272.39	3731194	0.000333689	0	0	0	0	0	0	2.0887E-09	0	2.0887E-09	0.002088699
409292.393731194	409292.39	3731194	0.000398397	0	0	0	0	0	0	2.49373E-09	0	2.49373E-09	0.00249373
409333.043731197.23	409333.04	3731197.23	0.00047177	0	0	0	0	0	0	2.953E-09	0	2.953E-09	0.002953001
409532.393731194	409532.39	3731194	0.000600263	0	0	0	0	0	0	3.75729E-09	0	3.75729E-09	0.003757295
409552.393731194	409552.39	3731194	0.000599405	0	0	0	0	0	0	3.75192E-09	0	3.75192E-09	0.003751922
409572.393731194	409572.39	3731194	0.000596904	0	0	0	0	0	0	3.73627E-09	0	3.73627E-09	0.003736267
409612.393731194	409612.39	3731194	0.000586388	0	0	0	0	0	0	3.67044E-09	0	3.67044E-09	0.003670443
409632.393731194	409632.39	3731194	0.000577998	0	0	0	0	0	0	3.61793E-09	0	3.61793E-09	0.003617927
409652.393731194	409652.39	3731194	0.00056714	0	0	0	0	0	0	3.54996E-09	0	3.54996E-09	0.003549964
409672.393731194	409672.39	3731194	0.000553416	0	0	0	0	0	0	3.46406E-09	0	3.46406E-09	0.003464058
409692.393731194	409692.39	3731194	0.000535923	0	0	0	0	0	0	3.35456E-09	0	3.35456E-09	0.003354561
409712.393731194	409712.39	3731194	0.000512187	0	0	0	0	0	0	3.20599E-09	0	3.20599E-09	0.003205986
409732.393731194	409732.39	3731194	0.00047698	0	0	0	0	0	0	2.98561E-09	0	2.98561E-09	0.002985613
408952.393731214	408952.39	3731214	2.07832E-05	0	0	0	0	0	0	1.30091E-10	0	1.30091E-10	0.000130091
408972.393731214	408972.39	3731214	2.3174E-05	0	0	0	0	0	0	1.45056E-10	0	1.45056E-10	0.000145056
409012.393731214	409012.39	3731214	2.93306E-05	0	0	0	0	0	0	1.83592E-10	0	1.83592E-10	0.000183592
409032.393731214	409032.39	3731214	3.32869E-05	0	0	0	0	0	0	2.08356E-10	0	2.08356E-10	0.000208356
409052.393731214	409052.39	3731214	3.7985E-05	0	0	0	0	0	0	2.37764E-10	0	2.37764E-10	0.000237764
409072.393731214	409072.39	3731214	4.35572E-05	0	0	0	0	0	0	2.72643E-10	0	2.72643E-10	0.000272643
409112.393731214	409112.39	3731214	5.79178E-05	0	0	0	0	0	0	3.62531E-10	0	3.62531E-10	0.000362531
409132.393731214	409132.39	3731214	6.7166E-05	0	0	0	0	0	0	4.20419E-10	0	4.20419E-10	0.000420419
409333.043731217.23	409333.04	3731217.23	0.000376877	0	0	0	0	0	0	2.35903E-09	0	2.35903E-09	0.002359025
409432.393731214	409432.39	3731214	0.00047697	0	0	0	0	0	0	2.98555E-09	0	2.98555E-09	0.002985553
409452.393731214	409452.39	3731214	0.000484982	0	0	0	0	0	0	3.0357E-09	0	3.0357E-09	0.003035703
409472.393731214	409472.39	3731214	0.000491066	0	0	0	0	0	0	3.07379E-09	0	3.07379E-09	0.003073786
409492.393731214	409492.39	3731214	0.000495478	0	0	0	0	0	0	3.1014E-09	0	3.1014E-09	0.003101399
409532.393731214	409532.39	3731214	0.000499562	0	0	0	0	0	0	3.12696E-09	0	3.12696E-09	0.003126962

409552.393731214	409552.39	3731214	0.000499425	0	0	0	0	0	0	3.1261E-09	0	3.1261E-09	0.003126104
409572.393731214	409572.39	3731214	0.000497886	0	0	0	0	0	0	3.11647E-09	0	3.11647E-09	0.003116472
409612.393731214	409612.39	3731214	0.000490181	0	0	0	0	0	0	3.06825E-09	0	3.06825E-09	0.003068245
409632.393731214	409632.39	3731214	0.000483902	0	0	0	0	0	0	3.02894E-09	0	3.02894E-09	0.00302894
409652.393731214	409652.39	3731214	0.000475784	0	0	0	0	0	0	2.97813E-09	0	2.97813E-09	0.00297813
409672.393731214	409672.39	3731214	0.00046555	0	0	0	0	0	0	2.91407E-09	0	2.91407E-09	0.00291407
409692.393731214	409692.39	3731214	0.000452516	0	0	0	0	0	0	2.83248E-09	0	2.83248E-09	0.002832483
409712.393731214	409712.39	3731214	0.00043489	0	0	0	0	0	0	2.72216E-09	0	2.72216E-09	0.002722158
409732.393731214	409732.39	3731214	0.000409389	0	0	0	0	0	0	2.56253E-09	0	2.56253E-09	0.002562531
408952.393731234	408952.39	3731234	2.05344E-05	0	0	0	0	0	0	1.28533E-10	0	1.28533E-10	0.000128533
408972.393731234	408972.39	3731234	2.28323E-05	0	0	0	0	0	0	1.42917E-10	0	1.42917E-10	0.000142917
409012.393731234	409012.39	3731234	2.86061E-05	0	0	0	0	0	0	1.79057E-10	0	1.79057E-10	0.000179057
409032.393731234	409032.39	3731234	3.22159E-05	0	0	0	0	0	0	2.01653E-10	0	2.01653E-10	0.000201653
409052.393731234	409052.39	3731234	3.64053E-05	0	0	0	0	0	0	2.27876E-10	0	2.27876E-10	0.000227876
409072.393731234	409072.39	3731234	4.12609E-05	0	0	0	0	0	0	2.58269E-10	0	2.58269E-10	0.000258269
409092.393731234	409092.39	3731234	4.68773E-05	0	0	0	0	0	0	2.93424E-10	0	2.93424E-10	0.000293424
409112.393731234	409112.39	3731234	5.33614E-05	0	0	0	0	0	0	3.34011E-10	0	3.34011E-10	0.000334011
409132.393731234	409132.39	3731234	6.08929E-05	0	0	0	0	0	0	3.81154E-10	0	3.81154E-10	0.000381154
409172.393731234	409172.39	3731234	7.99673E-05	0	0	0	0	0	0	5.00548E-10	0	5.00548E-10	0.000500548
409192.393731234	409192.39	3731234	9.28237E-05	0	0	0	0	0	0	5.81022E-10	0	5.81022E-10	0.000581022
409212.393731234	409212.39	3731234	0.000110095	0	0	0	0	0	0	6.89129E-10	0	6.89129E-10	0.000689129
409232.393731234	409232.39	3731234	0.000134252	0	0	0	0	0	0	8.40336E-10	0	8.40336E-10	0.000840336
409252.393731234	409252.39	3731234	0.000166578	0	0	0	0	0	0	1.04268E-09	0	1.04268E-09	0.001042679
409272.393731234	409272.39	3731234	0.000205281	0	0	0	0	0	0	1.28494E-09	0	1.28494E-09	0.001284938
409292.393731234	409292.39	3731234	0.000245794	0	0	0	0	0	0	1.53852E-09	0	1.53852E-09	0.001538524
409312.393731234	409312.39	3731234	0.000283319	0	0	0	0	0	0	1.77341E-09	0	1.77341E-09	0.00177341
409332.393731234	409332.39	3731234	0.000315032	0	0	0	0	0	0	1.97192E-09	0	1.97192E-09	0.001971917
409432.393731234	409432.39	3731234	0.000398838	0	0	0	0	0	0	2.49649E-09	0	2.49649E-09	0.00249649
409452.393731234	409452.39	3731234	0.000406653	0	0	0	0	0	0	2.54541E-09	0	2.54541E-09	0.002545407
409472.393731234	409472.39	3731234	0.00041283	0	0	0	0	0	0	2.58407E-09	0	2.58407E-09	0.002584072
409492.393731234	409492.39	3731234	0.00041749	0	0	0	0	0	0	2.61324E-09	0	2.61324E-09	0.002613243
409532.393731234	409532.39	3731234	0.000422453	0	0	0	0	0	0	2.64431E-09	0	2.64431E-09	0.002644306
409552.393731234	409552.39	3731234	0.00042299	0	0	0	0	0	0	2.64767E-09	0	2.64767E-09	0.002647668
409572.393731234	409572.39	3731234	0.000422886	0	0	0	0	0	0	2.64326E-09	0	2.64326E-09	0.002643261
408952.393731254	408952.39	3731254	2.02462E-05	0	0	0	0	0	0	1.26729E-10	0	1.26729E-10	0.000126729
408972.393731254	408972.39	3731254	2.24196E-05	0	0	0	0	0	0	1.40334E-10	0	1.40334E-10	0.000140334
409072.393731254	409072.39	3731254	3.88796E-05	0	0	0	0	0	0	2.43363E-10	0	2.43363E-10	0.000243363
409092.393731254	409092.39	3731254	4.36549E-05	0	0	0	0	0	0	2.73254E-10	0	2.73254E-10	0.000273254
409112.393731254	409112.39	3731254	4.90759E-05	0	0	0	0	0	0	3.07186E-10	0	3.07186E-10	0.000307186
409132.393731254	409132.39	3731254	5.52892E-05	0	0	0	0	0	0	3.46078E-10	0	3.46078E-10	0.000346078
409172.393731254	409172.39	3731254	7.0738E-05	0	0	0	0	0	0	4.42778E-10	0	4.42778E-10	0.000442778
409192.393731254	409192.39	3731254	8.10225E-05	0	0	0	0	0	0	5.07153E-10	0	5.07153E-10	0.000507153
409212.393731254	409212.39	3731254	9.45782E-05	0	0	0	0	0	0	5.92004E-10	0	5.92004E-10	0.000592004
409232.393731254	409232.39	3731254	0.000113067	0	0	0	0	0	0	7.07731E-10	0	7.07731E-10	0.000707731
409252.393731254	409252.39	3731254	0.000137502	0	0	0	0	0	0	8.60684E-10	0	8.60684E-10	0.000860684
409272.393731254	409272.39	3731254	0.000167112	0	0	0	0	0	0	1.04602E-09	0	1.04602E-09	0.001046021
409292.393731254	409292.39	3731254	0.000199236	0	0	0	0	0	0	1.2471E-09	0	1.2471E-09	0.001247102
409312.393731254	409312.39	3731254	0.000230502	0	0	0	0	0	0	1.44281E-09	0	1.44281E-09	0.00144281
409332.393731254	409332.39	3731254	0.000258394	0	0	0	0	0	0	1.61739E-09	0	1.61739E-09	0.001617391
409432.393731254	409432.39	3731254	0.000337419	0	0	0	0	0	0	2.11204E-09	0	2.11204E-09	0.002112044
409452.393731254	409452.39	3731254	0.000345215	0	0	0	0	0	0	2.16084E-09	0	2.16084E-09	0.002160843
409472.393731254	409472.39	3731254	0.000351389	0	0	0	0	0	0	2.19949E-09	0	2.19949E-09	0.002199488
409492.393731254	409492.39	3731254	0.00035618	0	0	0	0	0	0	2.22948E-09	0	2.22948E-09	0.002229477
409532.393731254	409532.39	3731254	0.000361831	0	0	0	0	0	0	2.26485E-09	0	2.26485E-09	0.002264849
409552.393731254	409552.39	3731254	0.000362938	0	0	0	0	0	0	2.27178E-09	0	2.27178E-09	0.002271779
409572.393731254	409572.39	3731254	0.000362962	0	0	0	0	0	0	2.27193E-09	0	2.27193E-09	0.002271927

409612.393731254	409612.39	3731254	0.000359776	0	0	0	0	0	0	2.25198E-09	0	2.25198E-09	0.002251983
409632.393731254	409632.39	3731254	0.000356501	0	0	0	0	0	0	2.23149E-09	0	2.23149E-09	0.002231488
409652.393731254	409652.39	3731254	0.000352069	0	0	0	0	0	0	2.20375E-09	0	2.20375E-09	0.002203746
409672.393731254	409672.39	3731254	0.000346305	0	0	0	0	0	0	2.16766E-09	0	2.16766E-09	0.002167665
409692.393731254	409692.39	3731254	0.000338769	0	0	0	0	0	0	2.12049E-09	0	2.12049E-09	0.002120493
409712.393731254	409712.39	3731254	0.000328516	0	0	0	0	0	0	2.05631E-09	0	2.05631E-09	0.002056315
409732.393731254	409732.39	3731254	0.000314076	0	0	0	0	0	0	1.96593E-09	0	1.96593E-09	0.001965933
409412.393731274	409412.39	3731274	0.000279002	0	0	0	0	0	0	1.74639E-09	0	1.74639E-09	0.001746388
409532.393731274	409532.39	3731274	0.000313147	0	0	0	0	0	0	1.96012E-09	0	1.96012E-09	0.001960117
409552.393731274	409552.39	3731274	0.000314717	0	0	0	0	0	0	1.96995E-09	0	1.96995E-09	0.001969946
409572.393731274	409572.39	3731274	0.000315336	0	0	0	0	0	0	1.97382E-09	0	1.97382E-09	0.00197382
409612.393731274	409612.39	3731274	0.000313754	0	0	0	0	0	0	1.96391E-09	0	1.96391E-09	0.001963912
409632.393731274	409632.39	3731274	0.000311553	0	0	0	0	0	0	1.95014E-09	0	1.95014E-09	0.00195014
409652.393731274	409652.39	3731274	0.000308367	0	0	0	0	0	0	1.9302E-09	0	1.9302E-09	0.001930197
409672.393731274	409672.39	3731274	0.000304058	0	0	0	0	0	0	1.90322E-09	0	1.90322E-09	0.001903224
409692.393731274	409692.39	3731274	0.000298281	0	0	0	0	0	0	1.86706E-09	0	1.86706E-09	0.001867064
409712.393731274	409712.39	3731274	0.000290337	0	0	0	0	0	0	1.81734E-09	0	1.81734E-09	0.001817338
409732.393731274	409732.39	3731274	0.000279194	0	0	0	0	0	0	1.74759E-09	0	1.74759E-09	0.001747591
409412.393731294	409412.39	3731294	0.000239329	0	0	0	0	0	0	1.49806E-09	0	1.49806E-09	0.001498056
409432.393731294	409432.39	3731294	0.000248441	0	0	0	0	0	0	1.5551E-09	0	1.5551E-09	0.001555096
409452.393731294	409452.39	3731294	0.000255886	0	0	0	0	0	0	1.6017E-09	0	1.6017E-09	0.001601697
409472.393731294	409472.39	3731294	0.00026191	0	0	0	0	0	0	1.6394E-09	0	1.6394E-09	0.001639405
409492.393731294	409492.39	3731294	0.00026676	0	0	0	0	0	0	1.66976E-09	0	1.66976E-09	0.001669759
409532.393731294	409532.39	3731294	0.000273365	0	0	0	0	0	0	1.7111E-09	0	1.7111E-09	0.001711105
409552.393731294	409552.39	3731294	0.000275296	0	0	0	0	0	0	1.72319E-09	0	1.72319E-09	0.001723191
409572.393731294	409572.39	3731294	0.000276388	0	0	0	0	0	0	1.73002E-09	0	1.73002E-09	0.001730023
409612.393731294	409612.39	3731294	0.000276096	0	0	0	0	0	0	1.7282E-09	0	1.7282E-09	0.001728199
409632.393731294	409632.39	3731294	0.000274729	0	0	0	0	0	0	1.71964E-09	0	1.71964E-09	0.001719642
409652.393731294	409652.39	3731294	0.000272512	0	0	0	0	0	0	1.70576E-09	0	1.70576E-09	0.001705762
409672.393731294	409672.39	3731294	0.000269335	0	0	0	0	0	0	1.68588E-09	0	1.68588E-09	0.001685877
409692.393731294	409692.39	3731294	0.000264915	0	0	0	0	0	0	1.65821E-09	0	1.65821E-09	0.001658215
409712.393731294	409712.39	3731294	0.000258737	0	0	0	0	0	0	1.61954E-09	0	1.61954E-09	0.00161954
409732.393731294	409732.39	3731294	0.000250051	0	0	0	0	0	0	1.56517E-09	0	1.56517E-09	0.001565172
408832.393731314	408832.39	3731314	1.16768E-05	0	0	0	0	0	0	7.30898E-11	0	7.30898E-11	7.30898E-05
408852.393731314	408852.39	3731314	1.26013E-05	0	0	0	0	0	0	7.88767E-11	0	7.88767E-11	7.88767E-05
408872.393731314	408872.39	3731314	1.36266E-05	0	0	0	0	0	0	8.52945E-11	0	8.52945E-11	8.52945E-05
408892.393731314	408892.39	3731314	1.47653E-05	0	0	0	0	0	0	9.24221E-11	0	9.24221E-11	9.24221E-05
408912.393731314	408912.39	3731314	1.60284E-05	0	0	0	0	0	0	1.00328E-10	0	1.00328E-10	0.000100328
408932.393731314	408932.39	3731314	1.74238E-05	0	0	0	0	0	0	1.09063E-10	0	1.09063E-10	0.000109063
408952.393731314	408952.39	3731314	1.89626E-05	0	0	0	0	0	0	1.18695E-10	0	1.18695E-10	0.000118695
408972.393731314	408972.39	3731314	2.06588E-05	0	0	0	0	0	0	1.29312E-10	0	1.29312E-10	0.000129312
408992.393731314	408992.39	3731314	2.2522E-05	0	0	0	0	0	0	1.40974E-10	0	1.40974E-10	0.000140974
409012.393731314	409012.39	3731314	2.4571E-05	0	0	0	0	0	0	1.538E-10	0	1.538E-10	0.0001538
409032.393731314	409032.39	3731314	2.68201E-05	0	0	0	0	0	0	1.67878E-10	0	1.67878E-10	0.000167878
409052.393731314	409052.39	3731314	2.92944E-05	0	0	0	0	0	0	1.83365E-10	0	1.83365E-10	0.000183365
409072.393731314	409072.39	3731314	3.20206E-05	0	0	0	0	0	0	2.0043E-10	0	2.0043E-10	0.00020043
409092.393731314	409092.39	3731314	3.50257E-05	0	0	0	0	0	0	2.1924E-10	0	2.1924E-10	0.00021924
409112.393731314	409112.39	3731314	3.83457E-05	0	0	0	0	0	0	2.40021E-10	0	2.40021E-10	0.000240021
409132.393731314	409132.39	3731314	4.20279E-05	0	0	0	0	0	0	2.6307E-10	0	2.6307E-10	0.00026307
409172.393731314	409172.39	3731314	5.09391E-05	0	0	0	0	0	0	3.18849E-10	0	3.18849E-10	0.000318849
409192.393731314	409192.39	3731314	5.66956E-05	0	0	0	0	0	0	3.54881E-10	0	3.54881E-10	0.000354881
409212.393731314	409212.39	3731314	6.39515E-05	0	0	0	0	0	0	4.00298E-10	0	4.00298E-10	0.000400298
409232.393731314	409232.39	3731314	7.33162E-05	0	0	0	0	0	0	4.58916E-10	0	4.58916E-10	0.000458916
409252.393731314	409252.39	3731314	8.52702E-05	0	0	0	0	0	0	5.33741E-10	0	5.33741E-10	0.000533741
409272.393731314	409272.39	3731314	9.98811E-05	0	0	0	0	0	0	6.25197E-10	0	6.25197E-10	0.000625197
409292.393731314	409292.39	3731314	0.000116629	0	0	0	0	0	0	7.30031E-10	0	7.30031E-10	0.000730031

409312.393731314	409312.39	3731314	0.000134488	0	0	0	0	0	0	8.41815E-10	0	8.41815E-10	0.000841815
409332.393731314	409332.39	3731314	0.00015223	0	0	0	0	0	0	9.52869E-10	0	9.52869E-10	0.000952869
409432.393731314	409432.39	3731314	0.000215498	0	0	0	0	0	0	1.34889E-09	0	1.34889E-09	0.001348889
409452.393731314	409452.39	3731314	0.000222787	0	0	0	0	0	0	1.39451E-09	0	1.39451E-09	0.001394514
409472.393731314	409472.39	3731314	0.000228672	0	0	0	0	0	0	1.43135E-09	0	1.43135E-09	0.001431354
409492.393731314	409492.39	3731314	0.000233512	0	0	0	0	0	0	1.46165E-09	0	1.46165E-09	0.001461649
409532.393731314	409532.39	3731314	0.00024039	0	0	0	0	0	0	1.5047E-09	0	1.5047E-09	0.0015047
409552.393731314	409552.39	3731314	0.000242593	0	0	0	0	0	0	1.51849E-09	0	1.51849E-09	0.001518492
409572.393731314	409572.39	3731314	0.000244046	0	0	0	0	0	0	1.52758E-09	0	1.52758E-09	0.001527582
409732.393731314	409732.39	3731314	0.000225333	0	0	0	0	0	0	1.41045E-09	0	1.41045E-09	0.001410455
408852.393731334	408852.39	3731334	1.24753E-05	0	0	0	0	0	0	7.8088E-11	0	7.8088E-11	7.8088E-05
408872.393731334	408872.39	3731334	1.34518E-05	0	0	0	0	0	0	8.42002E-11	0	8.42002E-11	8.42002E-05
409332.393731334	409332.39	3731334	0.000130035	0	0	0	0	0	0	8.13945E-10	0	8.13945E-10	0.000813945
409412.393731334	409412.39	3731334	0.000179607	0	0	0	0	0	0	1.12424E-09	0	1.12424E-09	0.001124237
409432.393731334	409432.39	3731334	0.00018804	0	0	0	0	0	0	1.17702E-09	0	1.17702E-09	0.001177019
409452.393731334	409452.39	3731334	0.000195041	0	0	0	0	0	0	1.22084E-09	0	1.22084E-09	0.001220839
409472.393731334	409472.39	3731334	0.000200874	0	0	0	0	0	0	1.25735E-09	0	1.25735E-09	0.001257354
409492.393731334	409492.39	3731334	0.000205686	0	0	0	0	0	0	1.28747E-09	0	1.28747E-09	0.001287472
409532.393731334	409532.39	3731334	0.000212727	0	0	0	0	0	0	1.33155E-09	0	1.33155E-09	0.001331548
409552.393731334	409552.39	3731334	0.000215142	0	0	0	0	0	0	1.34666E-09	0	1.34666E-09	0.001346661
409572.393731334	409572.39	3731334	0.000216848	0	0	0	0	0	0	1.35734E-09	0	1.35734E-09	0.001357338
409612.393731334	409612.39	3731334	0.000218347	0	0	0	0	0	0	1.36672E-09	0	1.36672E-09	0.001366723
409632.393731334	409632.39	3731334	0.000218148	0	0	0	0	0	0	1.36548E-09	0	1.36548E-09	0.001365481
409652.393731334	409652.39	3731334	0.000217296	0	0	0	0	0	0	1.36015E-09	0	1.36015E-09	0.001360147
409672.393731334	409672.39	3731334	0.000215706	0	0	0	0	0	0	1.35019E-09	0	1.35019E-09	0.00135019
409692.393731334	409692.39	3731334	0.000213197	0	0	0	0	0	0	1.33449E-09	0	1.33449E-09	0.001334486
409712.393731334	409712.39	3731334	0.00020947	0	0	0	0	0	0	1.31116E-09	0	1.31116E-09	0.001311161
409732.393731334	409732.39	3731334	0.000204117	0	0	0	0	0	0	1.27765E-09	0	1.27765E-09	0.001277653
408852.393731354	408852.39	3731354	1.23162E-05	0	0	0	0	0	0	7.70923E-11	0	7.70923E-11	7.70923E-05
408872.393731354	408872.39	3731354	1.32376E-05	0	0	0	0	0	0	8.28595E-11	0	8.28595E-11	8.28595E-05
408892.393731354	408892.39	3731354	1.42424E-05	0	0	0	0	0	0	8.91491E-11	0	8.91491E-11	8.91491E-05
408932.393731354	408932.39	3731354	1.65119E-05	0	0	0	0	0	0	1.03355E-10	0	1.03355E-10	0.000103355
408952.393731354	408952.39	3731354	1.7794E-05	0	0	0	0	0	0	1.1138E-10	0	1.1138E-10	0.00011138
408972.393731354	408972.39	3731354	1.91784E-05	0	0	0	0	0	0	1.20045E-10	0	1.20045E-10	0.000120045
408992.393731354	408992.39	3731354	2.06761E-05	0	0	0	0	0	0	1.2942E-10	0	1.2942E-10	0.00012942
409012.393731354	409012.39	3731354	2.22968E-05	0	0	0	0	0	0	1.39565E-10	0	1.39565E-10	0.000139565
409032.393731354	409032.39	3731354	2.40544E-05	0	0	0	0	0	0	1.50567E-10	0	1.50567E-10	0.000150567
409072.393731354	409072.39	3731354	2.80438E-05	0	0	0	0	0	0	1.75538E-10	0	1.75538E-10	0.000175538
409092.393731354	409092.39	3731354	3.03055E-05	0	0	0	0	0	0	1.89694E-10	0	1.89694E-10	0.000189694
409112.393731354	409112.39	3731354	3.2764E-05	0	0	0	0	0	0	2.05083E-10	0	2.05083E-10	0.000205083
409172.393731354	409172.39	3731354	4.19571E-05	0	0	0	0	0	0	2.62627E-10	0	2.62627E-10	0.000262627
409192.393731354	409192.39	3731354	4.6074E-05	0	0	0	0	0	0	2.88396E-10	0	2.88396E-10	0.000288396
409212.393731354	409212.39	3731354	5.11517E-05	0	0	0	0	0	0	3.2018E-10	0	3.2018E-10	0.00032018
409232.393731354	409232.39	3731354	5.75366E-05	0	0	0	0	0	0	3.60145E-10	0	3.60145E-10	0.000360145
409252.393731354	409252.39	3731354	6.55343E-05	0	0	0	0	0	0	4.10206E-10	0	4.10206E-10	0.000410206
409272.393731354	409272.39	3731354	7.52707E-05	0	0	0	0	0	0	4.7115E-10	0	4.7115E-10	0.00047115
409292.393731354	409292.39	3731354	8.65963E-05	0	0	0	0	0	0	5.42042E-10	0	5.42042E-10	0.000542042
409332.393731354	409332.39	3731354	0.000111989	0	0	0	0	0	0	7.00988E-10	0	7.00988E-10	0.000700988
409412.393731354	409412.39	3731354	0.000156846	0	0	0	0	0	0	9.81764E-10	0	9.81764E-10	0.000981764
409532.393731354	409532.39	3731354	0.000189281	0	0	0	0	0	0	1.18479E-09	0	1.18479E-09	0.001184787
409552.393731354	409552.39	3731354	0.000191835	0	0	0	0	0	0	1.20078E-09	0	1.20078E-09	0.001200777
409572.393731354	409572.39	3731354	0.000193732	0	0	0	0	0	0	1.21265E-09	0	1.21265E-09	0.001212647
409612.393731354	409612.39	3731354	0.000195853	0	0	0	0	0	0	1.22593E-09	0	1.22593E-09	0.001225926
409632.393731354	409632.39	3731354	0.000196097	0	0	0	0	0	0	1.22745E-09	0	1.22745E-09	0.001227454
409652.393731354	409652.39	3731354	0.00019573	0	0	0	0	0	0	1.22516E-09	0	1.22516E-09	0.001225157
409672.393731354	409672.39	3731354	0.000194707	0	0	0	0	0	0	1.21875E-09	0	1.21875E-09	0.001218749

409692.393731354	409692.39	3731354	0.000192883	0	0	0	0	0	0	1.20733E-09	0	1.20733E-09	0.001207333
409712.393731354	409712.39	3731354	0.000189994	0	0	0	0	0	0	1.18925E-09	0	1.18925E-09	0.001189253
409732.393731354	409732.39	3731354	0.000185744	0	0	0	0	0	0	1.16265E-09	0	1.16265E-09	0.001162645
408852.393731374	408852.39	3731374	1.21241E-05	0	0	0	0	0	0	7.58896E-11	0	7.58896E-11	7.58896E-05
408872.393731374	408872.39	3731374	1.29856E-05	0	0	0	0	0	0	8.12821E-11	0	8.12821E-11	8.12821E-05
408892.393731374	408892.39	3731374	1.39164E-05	0	0	0	0	0	0	8.71084E-11	0	8.71084E-11	8.71084E-05
408932.393731374	408932.39	3731374	1.59953E-05	0	0	0	0	0	0	1.00121E-10	0	1.00121E-10	0.000100121
408952.393731374	408952.39	3731374	1.71545E-05	0	0	0	0	0	0	1.07377E-10	0	1.07377E-10	0.000107377
408972.393731374	408972.39	3731374	1.83987E-05	0	0	0	0	0	0	1.15165E-10	0	1.15165E-10	0.000115165
408992.393731374	408992.39	3731374	1.97406E-05	0	0	0	0	0	0	1.23565E-10	0	1.23565E-10	0.000123565
409012.393731374	409012.39	3731374	2.11864E-05	0	0	0	0	0	0	1.32615E-10	0	1.32615E-10	0.000132615
409032.393731374	409032.39	3731374	2.27456E-05	0	0	0	0	0	0	1.42374E-10	0	1.42374E-10	0.000142374
409072.393731374	409072.39	3731374	2.62547E-05	0	0	0	0	0	0	1.64339E-10	0	1.64339E-10	0.000164339
409092.393731374	409092.39	3731374	2.82281E-05	0	0	0	0	0	0	1.76691E-10	0	1.76691E-10	0.000176691
409112.393731374	409112.39	3731374	3.03181E-05	0	0	0	0	0	0	1.89773E-10	0	1.89773E-10	0.000189773
409172.393731374	409172.39	3731374	3.82969E-05	0	0	0	0	0	0	2.39716E-10	0	2.39716E-10	0.000239716
409192.393731374	409192.39	3731374	4.18185E-05	0	0	0	0	0	0	2.61759E-10	0	2.61759E-10	0.000261759
409212.393731374	409212.39	3731374	4.61213E-05	0	0	0	0	0	0	2.88692E-10	0	2.88692E-10	0.000288692
409232.393731374	409232.39	3731374	5.14777E-05	0	0	0	0	0	0	3.2222E-10	0	3.2222E-10	0.00032222
409252.393731374	409252.39	3731374	5.81272E-05	0	0	0	0	0	0	3.63842E-10	0	3.63842E-10	0.000363842
409272.393731374	409272.39	3731374	6.62037E-05	0	0	0	0	0	0	4.14396E-10	0	4.14396E-10	0.000414396
409292.393731374	409292.39	3731374	7.5633E-05	0	0	0	0	0	0	4.73418E-10	0	4.73418E-10	0.000473418
409332.393731374	409332.39	3731374	9.71376E-05	0	0	0	0	0	0	6.08024E-10	0	6.08024E-10	0.000608024
409412.393731374	409412.39	3731374	0.000137616	0	0	0	0	0	0	8.61393E-10	0	8.61393E-10	0.000861393
409432.393731374	409432.39	3731374	0.000145257	0	0	0	0	0	0	9.09226E-10	0	9.09226E-10	0.000909226
409452.393731374	409452.39	3731374	0.000151808	0	0	0	0	0	0	9.50227E-10	0	9.50227E-10	0.000950227
409472.393731374	409472.39	3731374	0.000157374	0	0	0	0	0	0	9.85067E-10	0	9.85067E-10	0.000985067
409492.393731374	409492.39	3731374	0.000162066	0	0	0	0	0	0	1.01443E-09	0	1.01443E-09	0.001014435
409532.393731374	409532.39	3731374	0.000169222	0	0	0	0	0	0	1.05923E-09	0	1.05923E-09	0.001059231
409552.393731374	409552.39	3731374	0.000171862	0	0	0	0	0	0	1.07575E-09	0	1.07575E-09	0.001075754
409572.393731374	409572.39	3731374	0.000173908	0	0	0	0	0	0	1.08856E-09	0	1.08856E-09	0.00108856
409612.393731374	409612.39	3731374	0.000176458	0	0	0	0	0	0	1.10452E-09	0	1.10452E-09	0.00110452
409632.393731374	409632.39	3731374	0.000176976	0	0	0	0	0	0	1.10776E-09	0	1.10776E-09	0.001107764
409652.393731374	409652.39	3731374	0.00017698	0	0	0	0	0	0	1.10779E-09	0	1.10779E-09	0.001107793
409672.393731374	409672.39	3731374	0.000176407	0	0	0	0	0	0	1.1042E-09	0	1.1042E-09	0.001104205
409692.393731374	409692.39	3731374	0.00017512	0	0	0	0	0	0	1.09615E-09	0	1.09615E-09	0.00109615
409712.393731374	409712.39	3731374	0.000172949	0	0	0	0	0	0	1.08256E-09	0	1.08256E-09	0.001082556
409732.393731374	409732.39	3731374	0.000169638	0	0	0	0	0	0	1.06183E-09	0	1.06183E-09	0.001061834
408852.393731394	408852.39	3731394	1.18973E-05	0	0	0	0	0	0	7.447E-11	0	7.447E-11	7.447E-05
408872.393731394	408872.39	3731394	1.26974E-05	0	0	0	0	0	0	7.94781E-11	0	7.94781E-11	7.94781E-05
408892.393731394	408892.39	3731394	1.35557E-05	0	0	0	0	0	0	8.48509E-11	0	8.48509E-11	8.48509E-05
408932.393731394	408932.39	3731394	1.5452E-05	0	0	0	0	0	0	9.67203E-11	0	9.67203E-11	9.67203E-05
408952.393731394	408952.39	3731394	1.64096E-05	0	0	0	0	0	0	1.02714E-10	0	1.02714E-10	0.000102714
408972.393731394	408972.39	3731394	1.7512E-05	0	0	0	0	0	0	1.09615E-10	0	1.09615E-10	0.000109615
408992.393731394	408992.39	3731394	1.87059E-05	0	0	0	0	0	0	1.17088E-10	0	1.17088E-10	0.000117088
409012.393731394	409012.39	3731394	2.00288E-05	0	0	0	0	0	0	1.25369E-10	0	1.25369E-10	0.000125369
409032.393731394	409032.39	3731394	2.14967E-05	0	0	0	0	0	0	1.34557E-10	0	1.34557E-10	0.000134557
409072.393731394	409072.39	3731394	2.45947E-05	0	0	0	0	0	0	1.53948E-10	0	1.53948E-10	0.000153948
409092.393731394	409092.39	3731394	2.6324E-05	0	0	0	0	0	0	1.64773E-10	0	1.64773E-10	0.000164773
409112.393731394	409112.39	3731394	2.81588E-05	0	0	0	0	0	0	1.76258E-10	0	1.76258E-10	0.000176258
409132.393731394	409132.39	3731394	3.02315E-05	0	0	0	0	0	0	1.89231E-10	0	1.89231E-10	0.000189231
409172.393731394	409172.39	3731394	3.50698E-05	0	0	0	0	0	0	2.19516E-10	0	2.19516E-10	0.000219516
409332.393731394	409332.39	3731394	8.49269E-05	0	0	0	0	0	0	5.31592E-10	0	5.31592E-10	0.000531592
409412.393731394	409412.39	3731394	0.000121143	0	0	0	0	0	0	7.58285E-10	0	7.58285E-10	0.000758285
409432.393731394	409432.39	3731394	0.000128336	0	0	0	0	0	0	8.03308E-10	0	8.03308E-10	0.000803308
409452.393731394	409452.39	3731394	0.000134708	0	0	0	0	0	0	8.43195E-10	0	8.43195E-10	0.000843195

409472.393731394	409472.39	3731394	0.000140202	0	0	0	0	0	0	8.77581E-10	0	8.77581E-10	0.000877581
409492.393731394	409492.39	3731394	0.00014479	0	0	0	0	0	0	9.06298E-10	0	9.06298E-10	0.000906298
409532.393731394	409532.39	3731394	0.000151929	0	0	0	0	0	0	9.50986E-10	0	9.50986E-10	0.000950986
409552.393731394	409552.39	3731394	0.000154633	0	0	0	0	0	0	9.67913E-10	0	9.67913E-10	0.000967913
409572.393731394	409572.39	3731394	0.000156764	0	0	0	0	0	0	9.81251E-10	0	9.81251E-10	0.000981251
408852.393731414	408852.39	3731414	1.16421E-05	0	0	0	0	0	0	7.2873E-11	0	7.2873E-11	7.2873E-05
408872.393731414	408872.39	3731414	1.23808E-05	0	0	0	0	0	0	7.74965E-11	0	7.74965E-11	7.74965E-05
408892.393731414	408892.39	3731414	1.31667E-05	0	0	0	0	0	0	8.24158E-11	0	8.24158E-11	8.24158E-05
408932.393731414	408932.39	3731414	1.48929E-05	0	0	0	0	0	0	9.32206E-11	0	9.32206E-11	9.32206E-05
408952.393731414	408952.39	3731414	1.57528E-05	0	0	0	0	0	0	9.86033E-11	0	9.86033E-11	9.86033E-05
408992.393731414	408992.39	3731414	1.79215E-05	0	0	0	0	0	0	1.12178E-10	0	1.12178E-10	0.000112178
409012.393731414	409012.39	3731414	1.89972E-05	0	0	0	0	0	0	1.18911E-10	0	1.18911E-10	0.000118911
409032.393731414	409032.39	3731414	2.03139E-05	0	0	0	0	0	0	1.27153E-10	0	1.27153E-10	0.000127153
409072.393731414	409072.39	3731414	2.30528E-05	0	0	0	0	0	0	1.44297E-10	0	1.44297E-10	0.000144297
409092.393731414	409092.39	3731414	2.45726E-05	0	0	0	0	0	0	1.5381E-10	0	1.5381E-10	0.00015381
409112.393731414	409112.39	3731414	2.6168E-05	0	0	0	0	0	0	1.63797E-10	0	1.63797E-10	0.000163797
409132.393731414	409132.39	3731414	2.7995E-05	0	0	0	0	0	0	1.75232E-10	0	1.75232E-10	0.000175232
409172.393731414	409172.39	3731414	3.22128E-05	0	0	0	0	0	0	2.01633E-10	0	2.01633E-10	0.000201633
409192.393731414	409192.39	3731414	3.48398E-05	0	0	0	0	0	0	2.18077E-10	0	2.18077E-10	0.000218077
409212.393731414	409212.39	3731414	3.80008E-05	0	0	0	0	0	0	2.37862E-10	0	2.37862E-10	0.000237862
409232.393731414	409232.39	3731414	4.18689E-05	0	0	0	0	0	0	2.62074E-10	0	2.62074E-10	0.000262074
409252.393731414	409252.39	3731414	4.66016E-05	0	0	0	0	0	0	2.91699E-10	0	2.91699E-10	0.000291699
409272.393731414	409272.39	3731414	5.23077E-05	0	0	0	0	0	0	3.27416E-10	0	3.27416E-10	0.000327416
409292.393731414	409292.39	3731414	5.89982E-05	0	0	0	0	0	0	3.69294E-10	0	3.69294E-10	0.000369294
409332.393731414	409332.39	3731414	7.46754E-05	0	0	0	0	0	0	4.67424E-10	0	4.67424E-10	0.000467424
409412.393731414	409412.39	3731414	0.000106983	0	0	0	0	0	0	6.69648E-10	0	6.69648E-10	0.000669648
409432.393731414	409432.39	3731414	0.000113903	0	0	0	0	0	0	7.12966E-10	0	7.12966E-10	0.000712966
409452.393731414	409452.39	3731414	0.000120052	0	0	0	0	0	0	7.51453E-10	0	7.51453E-10	0.000751453
409472.393731414	409472.39	3731414	0.000125293	0	0	0	0	0	0	7.84262E-10	0	7.84262E-10	0.000784262
409492.393731414	409492.39	3731414	0.000129828	0	0	0	0	0	0	8.12644E-10	0	8.12644E-10	0.000812644
409532.393731414	409532.39	3731414	0.000136926	0	0	0	0	0	0	8.57075E-10	0	8.57075E-10	0.000857075
409552.393731414	409552.39	3731414	0.000139633	0	0	0	0	0	0	8.74022E-10	0	8.74022E-10	0.000874022
409572.393731414	409572.39	3731414	0.000141859	0	0	0	0	0	0	8.87952E-10	0	8.87952E-10	0.000887952
409592.393731414	409592.39	3731414	0.000143632	0	0	0	0	0	0	8.99052E-10	0	8.99052E-10	0.000899052
409612.393731414	409612.39	3731414	0.000145012	0	0	0	0	0	0	9.07688E-10	0	9.07688E-10	0.000907688
409632.393731414	409632.39	3731414	0.00014595	0	0	0	0	0	0	9.13564E-10	0	9.13564E-10	0.000913564
409652.393731414	409652.39	3731414	0.000146481	0	0	0	0	0	0	9.16886E-10	0	9.16886E-10	0.000916886
409672.393731414	409672.39	3731414	0.000146536	0	0	0	0	0	0	9.17231E-10	0	9.17231E-10	0.000917231
409692.393731414	409692.39	3731414	0.000146048	0	0	0	0	0	0	9.14175E-10	0	9.14175E-10	0.000914175
409712.393731414	409712.39	3731414	0.000144898	0	0	0	0	0	0	9.06978E-10	0	9.06978E-10	0.000906978
409732.393731414	409732.39	3731414	0.000142938	0	0	0	0	0	0	8.94705E-10	0	8.94705E-10	0.000894705
408852.393731434	408852.39	3731434	1.13618E-05	0	0	0	0	0	0	7.11182E-11	0	7.11182E-11	7.11182E-05
408872.393731434	408872.39	3731434	1.20406E-05	0	0	0	0	0	0	7.53671E-11	0	7.53671E-11	7.53671E-05
408892.393731434	408892.39	3731434	1.27588E-05	0	0	0	0	0	0	7.98625E-11	0	7.98625E-11	7.98625E-05
408932.393731434	408932.39	3731434	1.43243E-05	0	0	0	0	0	0	8.96617E-11	0	8.96617E-11	8.96617E-05
408952.393731434	408952.39	3731434	1.51055E-05	0	0	0	0	0	0	9.45515E-11	0	9.45515E-11	9.45515E-05
408992.393731434	408992.39	3731434	1.70458E-05	0	0	0	0	0	0	1.06697E-10	0	1.06697E-10	0.000106697
409012.393731434	409012.39	3731434	1.80318E-05	0	0	0	0	0	0	1.12868E-10	0	1.12868E-10	0.000112868
409032.393731434	409032.39	3731434	1.91941E-05	0	0	0	0	0	0	1.20144E-10	0	1.20144E-10	0.000120144
409072.393731434	409072.39	3731434	2.16243E-05	0	0	0	0	0	0	1.35355E-10	0	1.35355E-10	0.000135355
409092.393731434	409092.39	3731434	2.29661E-05	0	0	0	0	0	0	1.43755E-10	0	1.43755E-10	0.000143755
409112.393731434	409112.39	3731434	2.43505E-05	0	0	0	0	0	0	1.5242E-10	0	1.5242E-10	0.00015242
409132.393731434	409132.39	3731434	2.59728E-05	0	0	0	0	0	0	1.62574E-10	0	1.62574E-10	0.000162574
409332.393731434	409332.39	3731434	6.60871E-05	0	0	0	0	0	0	4.13666E-10	0	4.13666E-10	0.000413666
409412.393731434	409412.39	3731434	9.51563E-05	0	0	0	0	0	0	5.95622E-10	0	5.95622E-10	0.000595622
409432.393731434	409432.39	3731434	0.000101702	0	0	0	0	0	0	6.36593E-10	0	6.36593E-10	0.000636593

409532.393731434	409532.39	3731434	0.000123786	0	0	0	0	0	0	7.74827E-10	0	7.74827E-10	0.000774827
409552.393731434	409552.39	3731434	0.000126311	0	0	0	0	0	0	7.9063E-10	0	7.9063E-10	0.00079063
409572.393731434	409572.39	3731434	0.000128516	0	0	0	0	0	0	8.04432E-10	0	8.04432E-10	0.000804432
409592.393731434	409592.39	3731434	0.000130469	0	0	0	0	0	0	8.16656E-10	0	8.16656E-10	0.000816656
409612.393731434	409612.39	3731434	0.000131954	0	0	0	0	0	0	8.25953E-10	0	8.25953E-10	0.000825953
409632.393731434	409632.39	3731434	0.00013308	0	0	0	0	0	0	8.33001E-10	0	8.33001E-10	0.000833001
409652.393731434	409652.39	3731434	0.000133818	0	0	0	0	0	0	8.37625E-10	0	8.37625E-10	0.000837625
409672.393731434	409672.39	3731434	0.000134159	0	0	0	0	0	0	8.39754E-10	0	8.39754E-10	0.000839754
409692.393731434	409692.39	3731434	0.000133971	0	0	0	0	0	0	8.38581E-10	0	8.38581E-10	0.000838581
409712.393731434	409712.39	3731434	0.00013319	0	0	0	0	0	0	8.33691E-10	0	8.33691E-10	0.000833691
409732.393731434	409732.39	3731434	0.000131683	0	0	0	0	0	0	8.24257E-10	0	8.24257E-10	0.000824257
408852.393731454	408852.39	3731454	1.1061E-05	0	0	0	0	0	0	6.92352E-11	0	6.92352E-11	6.92352E-05
408872.393731454	408872.39	3731454	1.16831E-05	0	0	0	0	0	0	7.31293E-11	0	7.31293E-11	7.31293E-05
408892.393731454	408892.39	3731454	1.23399E-05	0	0	0	0	0	0	7.72402E-11	0	7.72402E-11	7.72402E-05
408932.393731454	408932.39	3731454	1.3762E-05	0	0	0	0	0	0	8.61423E-11	0	8.61423E-11	8.61423E-05
408952.393731454	408952.39	3731454	1.4485E-05	0	0	0	0	0	0	9.06673E-11	0	9.06673E-11	9.06673E-05
408992.393731454	408992.39	3731454	1.62174E-05	0	0	0	0	0	0	1.01511E-10	0	1.01511E-10	0.000101511
409012.393731454	409012.39	3731454	1.70758E-05	0	0	0	0	0	0	1.06884E-10	0	1.06884E-10	0.000106884
409032.393731454	409032.39	3731454	1.81168E-05	0	0	0	0	0	0	1.13401E-10	0	1.13401E-10	0.000113401
409072.393731454	409072.39	3731454	2.02966E-05	0	0	0	0	0	0	1.27045E-10	0	1.27045E-10	0.000127045
409092.393731454	409092.39	3731454	2.14794E-05	0	0	0	0	0	0	1.34448E-10	0	1.34448E-10	0.000134448
409112.393731454	409112.39	3731454	2.27173E-05	0	0	0	0	0	0	1.42197E-10	0	1.42197E-10	0.000142197
409132.393731454	409132.39	3731454	2.41426E-05	0	0	0	0	0	0	1.51119E-10	0	1.51119E-10	0.000151119
409172.393731454	409172.39	3731454	2.73886E-05	0	0	0	0	0	0	1.71437E-10	0	1.71437E-10	0.000171437
409192.393731454	409192.39	3731454	2.93999E-05	0	0	0	0	0	0	1.84026E-10	0	1.84026E-10	0.000184026
409212.393731454	409212.39	3731454	3.17828E-05	0	0	0	0	0	0	1.98942E-10	0	1.98942E-10	0.000198942
409232.393731454	409232.39	3731454	3.46587E-05	0	0	0	0	0	0	2.16943E-10	0	2.16943E-10	0.000216943
409252.393731454	409252.39	3731454	3.80921E-05	0	0	0	0	0	0	2.38434E-10	0	2.38434E-10	0.000238434
409272.393731454	409272.39	3731454	4.22642E-05	0	0	0	0	0	0	2.64549E-10	0	2.64549E-10	0.000264549
409292.393731454	409292.39	3731454	4.71907E-05	0	0	0	0	0	0	2.95386E-10	0	2.95386E-10	0.000295386
409332.393731454	409332.39	3731454	5.88218E-05	0	0	0	0	0	0	3.6819E-10	0	3.6819E-10	0.00036819
409412.393731454	409412.39	3731454	8.49237E-05	0	0	0	0	0	0	5.31572E-10	0	5.31572E-10	0.000531572
409432.393731454	409432.39	3731454	9.07542E-05	0	0	0	0	0	0	5.68068E-10	0	5.68068E-10	0.000568068
409452.393731454	409452.39	3731454	9.6232E-05	0	0	0	0	0	0	6.02355E-10	0	6.02355E-10	0.000602355
409472.393731454	409472.39	3731454	0.000101032	0	0	0	0	0	0	6.32404E-10	0	6.32404E-10	0.000632404
409492.393731454	409492.39	3731454	0.000105356	0	0	0	0	0	0	6.59465E-10	0	6.59465E-10	0.000659465
409532.393731454	409532.39	3731454	0.000112128	0	0	0	0	0	0	7.01856E-10	0	7.01856E-10	0.000701856
409552.393731454	409552.39	3731454	0.000114667	0	0	0	0	0	0	7.17747E-10	0	7.17747E-10	0.000717747
409572.393731454	409572.39	3731454	0.000116943	0	0	0	0	0	0	7.31993E-10	0	7.31993E-10	0.000731993
409592.393731454	409592.39	3731454	0.000118929	0	0	0	0	0	0	7.44424E-10	0	7.44424E-10	0.000744424
409612.393731454	409612.39	3731454	0.000120482	0	0	0	0	0	0	7.54144E-10	0	7.54144E-10	0.000754144
409632.393731454	409632.39	3731454	0.000121745	0	0	0	0	0	0	7.62051E-10	0	7.62051E-10	0.000762051
409652.393731454	409652.39	3731454	0.000122624	0	0	0	0	0	0	7.67552E-10	0	7.67552E-10	0.000767552
409672.393731454	409672.39	3731454	0.000123186	0	0	0	0	0	0	7.71071E-10	0	7.71071E-10	0.000771071
409692.393731454	409692.39	3731454	0.000123233	0	0	0	0	0	0	7.71367E-10	0	7.71367E-10	0.000771367
409712.393731454	409712.39	3731454	0.000122735	0	0	0	0	0	0	7.68252E-10	0	7.68252E-10	0.000768252
409732.393731454	409732.39	3731454	0.000121613	0	0	0	0	0	0	7.61223E-10	0	7.61223E-10	0.000761223
409072.393731474	409072.39	3731474	1.90681E-05	0	0	0	0	0	0	1.19355E-10	0	1.19355E-10	0.000119355
409092.393731474	409092.39	3731474	2.01249E-05	0	0	0	0	0	0	1.2597E-10	0	1.2597E-10	0.00012597
409112.393731474	409112.39	3731474	2.12258E-05	0	0	0	0	0	0	1.32861E-10	0	1.32861E-10	0.000132861
409132.393731474	409132.39	3731474	2.24811E-05	0	0	0	0	0	0	1.40718E-10	0	1.40718E-10	0.000140718
409172.393731474	409172.39	3731474	2.53443E-05	0	0	0	0	0	0	1.58641E-10	0	1.58641E-10	0.000158641
409192.393731474	409192.39	3731474	2.71004E-05	0	0	0	0	0	0	1.69633E-10	0	1.69633E-10	0.000169633
409212.393731474	409212.39	3731474	2.91794E-05	0	0	0	0	0	0	1.82646E-10	0	1.82646E-10	0.000182646
409232.393731474	409232.39	3731474	3.166E-05	0	0	0	0	0	0	1.98173E-10	0	1.98173E-10	0.000198173
409252.393731474	409252.39	3731474	3.46335E-05	0	0	0	0	0	0	2.16785E-10	0	2.16785E-10	0.000216785

409272.393731474	409272.39	3731474	3.81646E-05	0	0	0	0	0	0	2.38888E-10	0	2.38888E-10	0.000238888
409292.393731474	409292.39	3731474	4.25477E-05	0	0	0	0	0	0	2.66323E-10	0	2.66323E-10	0.000266323
409312.393731474	409312.39	3731474	4.73655E-05	0	0	0	0	0	0	2.9648E-10	0	2.9648E-10	0.00029648
409332.393731474	409332.39	3731474	5.26369E-05	0	0	0	0	0	0	3.29476E-10	0	3.29476E-10	0.000329476
409412.393731474	409412.39	3731474	7.56802E-05	0	0	0	0	0	0	4.73714E-10	0	4.73714E-10	0.000473714
409432.393731474	409432.39	3731474	8.11359E-05	0	0	0	0	0	0	5.07863E-10	0	5.07863E-10	0.000507863
409452.393731474	409452.39	3731474	8.6212E-05	0	0	0	0	0	0	5.39636E-10	0	5.39636E-10	0.000539636
409472.393731474	409472.39	3731474	9.08629E-05	0	0	0	0	0	0	5.68748E-10	0	5.68748E-10	0.000568748
409492.393731474	409492.39	3731474	9.515E-05	0	0	0	0	0	0	5.95583E-10	0	5.95583E-10	0.000595583
409532.393731474	409532.39	3731474	0.000101954	0	0	0	0	0	0	6.38171E-10	0	6.38171E-10	0.000638171
409552.393731474	409552.39	3731474	0.00010465	0	0	0	0	0	0	6.55048E-10	0	6.55048E-10	0.000655048
409572.393731474	409572.39	3731474	0.00010695	0	0	0	0	0	0	6.69441E-10	0	6.69441E-10	0.000669441
409592.393731474	409592.39	3731474	0.00010888	0	0	0	0	0	0	6.81528E-10	0	6.81528E-10	0.000681528
409612.393731474	409612.39	3731474	0.000110413	0	0	0	0	0	0	6.9112E-10	0	6.9112E-10	0.00069112
409632.393731474	409632.39	3731474	0.000111682	0	0	0	0	0	0	6.99066E-10	0	6.99066E-10	0.000699066
409652.393731474	409652.39	3731474	0.000112662	0	0	0	0	0	0	7.05198E-10	0	7.05198E-10	0.000705198
409672.393731474	409672.39	3731474	0.000113374	0	0	0	0	0	0	7.09654E-10	0	7.09654E-10	0.000709654
409692.393731474	409692.39	3731474	0.000113634	0	0	0	0	0	0	7.1128E-10	0	7.1128E-10	0.00071128
409712.393731474	409712.39	3731474	0.000113388	0	0	0	0	0	0	7.09742E-10	0	7.09742E-10	0.000709742
409732.393731474	409732.39	3731474	0.000112608	0	0	0	0	0	0	7.04862E-10	0	7.04862E-10	0.000704862
409772.393731474	409772.39	3731474	0.00010912	0	0	0	0	0	0	6.83026E-10	0	6.83026E-10	0.000683026
409792.393731474	409792.39	3731474	0.000106296	0	0	0	0	0	0	6.6535E-10	0	6.6535E-10	0.00066535
408832.393731494	408832.39	3731494	9.92386E-06	0	0	0	0	0	0	6.21175E-11	0	6.21175E-11	6.21175E-05
408852.393731494	408852.39	3731494	1.042E-05	0	0	0	0	0	0	6.52229E-11	0	6.52229E-11	6.52229E-05
408872.393731494	408872.39	3731494	1.09413E-05	0	0	0	0	0	0	6.8486E-11	0	6.8486E-11	6.8486E-05
408892.393731494	408892.39	3731494	1.14862E-05	0	0	0	0	0	0	7.1897E-11	0	7.1897E-11	7.1897E-05
408912.393731494	408912.39	3731494	1.20595E-05	0	0	0	0	0	0	7.54854E-11	0	7.54854E-11	7.54854E-05
408932.393731494	408932.39	3731494	1.26627E-05	0	0	0	0	0	0	7.92612E-11	0	7.92612E-11	7.92612E-05
408952.393731494	408952.39	3731494	1.3299E-05	0	0	0	0	0	0	8.32439E-11	0	8.32439E-11	8.32439E-05
408972.393731494	408972.39	3731494	1.39621E-05	0	0	0	0	0	0	8.73943E-11	0	8.73943E-11	8.73943E-05
408992.393731494	408992.39	3731494	1.46645E-05	0	0	0	0	0	0	9.17911E-11	0	9.17911E-11	9.17911E-05
409012.393731494	409012.39	3731494	1.54221E-05	0	0	0	0	0	0	9.6533E-11	0	9.6533E-11	9.6533E-05
409032.393731494	409032.39	3731494	1.62064E-05	0	0	0	0	0	0	1.01442E-10	0	1.01442E-10	0.000101442
409052.393731494	409052.39	3731494	1.70521E-05	0	0	0	0	0	0	1.06736E-10	0	1.06736E-10	0.000106736
409072.393731494	409072.39	3731494	1.79357E-05	0	0	0	0	0	0	1.12267E-10	0	1.12267E-10	0.000112267
409092.393731494	409092.39	3731494	1.8876E-05	0	0	0	0	0	0	1.18152E-10	0	1.18152E-10	0.000118152
409112.393731494	409112.39	3731494	1.98776E-05	0	0	0	0	0	0	1.24422E-10	0	1.24422E-10	0.000124422
409132.393731494	409132.39	3731494	2.09707E-05	0	0	0	0	0	0	1.31264E-10	0	1.31264E-10	0.000131264
409172.393731494	409172.39	3731494	2.35284E-05	0	0	0	0	0	0	1.47274E-10	0	1.47274E-10	0.000147274
409192.393731494	409192.39	3731494	2.50923E-05	0	0	0	0	0	0	1.57063E-10	0	1.57063E-10	0.000157063
409212.393731494	409212.39	3731494	2.6924E-05	0	0	0	0	0	0	1.68529E-10	0	1.68529E-10	0.000168529
409232.393731494	409232.39	3731494	2.91306E-05	0	0	0	0	0	0	1.8234E-10	0	1.8234E-10	0.00018234
409252.393731494	409252.39	3731494	3.1723E-05	0	0	0	0	0	0	1.98567E-10	0	1.98567E-10	0.000198567
409272.393731494	409272.39	3731494	3.47595E-05	0	0	0	0	0	0	2.17574E-10	0	2.17574E-10	0.000217574
409292.393731494	409292.39	3731494	3.85457E-05	0	0	0	0	0	0	2.41273E-10	0	2.41273E-10	0.000241273
409312.393731494	409312.39	3731494	4.27162E-05	0	0	0	0	0	0	2.67378E-10	0	2.67378E-10	0.000267378
409332.393731494	409332.39	3731494	4.73135E-05	0	0	0	0	0	0	2.96155E-10	0	2.96155E-10	0.000296155
409412.393731494	409412.39	3731494	6.7933E-05	0	0	0	0	0	0	4.2522E-10	0	4.2522E-10	0.00042522
409432.393731494	409432.39	3731494	7.3165E-05	0	0	0	0	0	0	4.5797E-10	0	4.5797E-10	0.00045797
409452.393731494	409452.39	3731494	7.78474E-05	0	0	0	0	0	0	4.87279E-10	0	4.87279E-10	0.000487279
409472.393731494	409472.39	3731494	8.22211E-05	0	0	0	0	0	0	5.14655E-10	0	5.14655E-10	0.000514655
409492.393731494	409492.39	3731494	8.62026E-05	0	0	0	0	0	0	5.39577E-10	0	5.39577E-10	0.000539577
409532.393731494	409532.39	3731494	9.2767E-05	0	0	0	0	0	0	5.80667E-10	0	5.80667E-10	0.000580667
409552.393731494	409552.39	3731494	9.54618E-05	0	0	0	0	0	0	5.97535E-10	0	5.97535E-10	0.000597535
409572.393731494	409572.39	3731494	9.78368E-05	0	0	0	0	0	0	6.12401E-10	0	6.12401E-10	0.000612401
409592.393731494	409592.39	3731494	9.99048E-05	0	0	0	0	0	0	6.25345E-10	0	6.25345E-10	0.000625345

409612.393731494	409612.39	3731494	0.000101489	0	0	0	0	0	0	6.35263E-10	0	6.35263E-10	0.000635263
409632.393731494	409632.39	3731494	0.000102663	0	0	0	0	0	0	6.42607E-10	0	6.42607E-10	0.000642607
409652.393731494	409652.39	3731494	0.000103729	0	0	0	0	0	0	6.49281E-10	0	6.49281E-10	0.000649281
409672.393731494	409672.39	3731494	0.000104582	0	0	0	0	0	0	6.54624E-10	0	6.54624E-10	0.000654624
409692.393731494	409692.39	3731494	0.000105017	0	0	0	0	0	0	6.57345E-10	0	6.57345E-10	0.000657345
409712.393731494	409712.39	3731494	0.000104971	0	0	0	0	0	0	6.57059E-10	0	6.57059E-10	0.000657059
409732.393731494	409732.39	3731494	0.000104455	0	0	0	0	0	0	6.53826E-10	0	6.53826E-10	0.000653826
409752.393731494	409752.39	3731494	0.0001034	0	0	0	0	0	0	6.47221E-10	0	6.47221E-10	0.000647221
409772.393731494	409772.39	3731494	0.000101733	0	0	0	0	0	0	6.36791E-10	0	6.36791E-10	0.000636791
409792.393731494	409792.39	3731494	9.94276E-05	0	0	0	0	0	0	6.22358E-10	0	6.22358E-10	0.000622358
408832.393731514	408832.39	3731514	9.63249E-06	0	0	0	0	0	0	6.02937E-11	0	6.02937E-11	6.02937E-05
408852.393731514	408852.39	3731514	1.00877E-05	0	0	0	0	0	0	6.31428E-11	0	6.31428E-11	6.31428E-05
408872.393731514	408872.39	3731514	1.05649E-05	0	0	0	0	0	0	6.61298E-11	0	6.61298E-11	6.61298E-05
408892.393731514	408892.39	3731514	1.10626E-05	0	0	0	0	0	0	6.92451E-11	0	6.92451E-11	6.92451E-05
408912.393731514	408912.39	3731514	1.15839E-05	0	0	0	0	0	0	7.25082E-11	0	7.25082E-11	7.25082E-05
408932.393731514	408932.39	3731514	1.21335E-05	0	0	0	0	0	0	7.59488E-11	0	7.59488E-11	7.59488E-05
408952.393731514	408952.39	3731514	1.26989E-05	0	0	0	0	0	0	7.94879E-11	0	7.94879E-11	7.94879E-05
408972.393731514	408972.39	3731514	1.32833E-05	0	0	0	0	0	0	8.31454E-11	0	8.31454E-11	8.31454E-05
408992.393731514	408992.39	3731514	1.3918E-05	0	0	0	0	0	0	8.71183E-11	0	8.71183E-11	8.71183E-05
409012.393731514	409012.39	3731514	1.46188E-05	0	0	0	0	0	0	9.15052E-11	0	9.15052E-11	9.15052E-05
409032.393731514	409032.39	3731514	1.53244E-05	0	0	0	0	0	0	9.59218E-11	0	9.59218E-11	9.59218E-05
409052.393731514	409052.39	3731514	1.60914E-05	0	0	0	0	0	0	1.00723E-10	0	1.00723E-10	0.000100723
409072.393731514	409072.39	3731514	1.68836E-05	0	0	0	0	0	0	1.05682E-10	0	1.05682E-10	0.000105682
409092.393731514	409092.39	3731514	1.77247E-05	0	0	0	0	0	0	1.10946E-10	0	1.10946E-10	0.000110946
409112.393731514	409112.39	3731514	1.86208E-05	0	0	0	0	0	0	1.16555E-10	0	1.16555E-10	0.000116555
409132.393731514	409132.39	3731514	1.95973E-05	0	0	0	0	0	0	1.22668E-10	0	1.22668E-10	0.000122668
409312.393731514	409312.39	3731514	3.87363E-05	0	0	0	0	0	0	2.42466E-10	0	2.42466E-10	0.000242466
409332.393731514	409332.39	3731514	4.27776E-05	0	0	0	0	0	0	2.67763E-10	0	2.67763E-10	0.000267763
409412.393731514	409412.39	3731514	6.13165E-05	0	0	0	0	0	0	3.83805E-10	0	3.83805E-10	0.000383805
409532.393731514	409532.39	3731514	8.46402E-05	0	0	0	0	0	0	5.29798E-10	0	5.29798E-10	0.000529798
409552.393731514	409552.39	3731514	8.71885E-05	0	0	0	0	0	0	5.45749E-10	0	5.45749E-10	0.000545749
409572.393731514	409572.39	3731514	8.96439E-05	0	0	0	0	0	0	5.61118E-10	0	5.61118E-10	0.000561118
409592.393731514	409592.39	3731514	9.1811E-05	0	0	0	0	0	0	5.74683E-10	0	5.74683E-10	0.000574683
409612.393731514	409612.39	3731514	9.34159E-05	0	0	0	0	0	0	5.84729E-10	0	5.84729E-10	0.000584729
409632.393731514	409632.39	3731514	9.46302E-05	0	0	0	0	0	0	5.92329E-10	0	5.92329E-10	0.000592329
409652.393731514	409652.39	3731514	9.57437E-05	0	0	0	0	0	0	5.99299E-10	0	5.99299E-10	0.000599299
409672.393731514	409672.39	3731514	9.66966E-05	0	0	0	0	0	0	6.05264E-10	0	6.05264E-10	0.000605264
409692.393731514	409692.39	3731514	9.72462E-05	0	0	0	0	0	0	6.08704E-10	0	6.08704E-10	0.000608704
409712.393731514	409712.39	3731514	9.73754E-05	0	0	0	0	0	0	6.09512E-10	0	6.09512E-10	0.000609512
409732.393731514	409732.39	3731514	9.70746E-05	0	0	0	0	0	0	6.0763E-10	0	6.0763E-10	0.00060763
409752.393731514	409752.39	3731514	9.63028E-05	0	0	0	0	0	0	6.02799E-10	0	6.02799E-10	0.000602799
409772.393731514	409772.39	3731514	9.49972E-05	0	0	0	0	0	0	5.94626E-10	0	5.94626E-10	0.000594626
409792.393731514	409792.39	3731514	9.3123E-05	0	0	0	0	0	0	5.82895E-10	0	5.82895E-10	0.000582895

8550 Warner Mitigated Construction Health Risk Assessment

Cancer Risk Summary & Maximum Annual GLC for Chronic Calculations

Cancer Risk Summary

Max Risk: 8.5862

XY	X	Y	Offroad Risk	Haul Risk	Total Risk
408826.883:	408826.9	3730582.43	0.032487987	5.63898E-05	0.0325444
408846.883:	408846.9	3730582.43	0.033616246	5.82727E-05	0.0336745
408866.883:	408866.9	3730582.43	0.034696729	6.01557E-05	0.0347569
409066.883:	409066.9	3730582.43	0.039525826	7.77528E-05	0.0396036
409086.883:	409086.9	3730582.43	0.039305319	7.92513E-05	0.0393846
409106.883:	409106.9	3730582.43	0.039000285	8.06906E-05	0.039081
409126.883:	409126.9	3730582.43	0.038647474	8.20511E-05	0.0387295
409175.153:	409175.2	3730584.08	0.038048431	8.55902E-05	0.038134
409235.153:	409235.2	3730584.08	0.037037775	8.86562E-05	0.0371264
409275.153:	409275.2	3730584.08	0.036438732	9.01842E-05	0.0365289
409315.153:	409315.2	3730584.08	0.035773537	9.12686E-05	0.0358648
409335.153:	409335.2	3730584.08	0.035376625	9.16235E-05	0.0354682
409428.523:	409428.5	3730594	0.033983757	9.58331E-05	0.0340796
409472.393:	409472.4	3730594	0.031863218	9.49162E-05	0.0319581
409523.353:	409523.4	3730595.29	0.029184062	9.35755E-05	0.0292776
409572.393:	409572.4	3730594	0.02618517	9.04701E-05	0.0262756
409592.393:	409592.4	3730594	0.025031185	8.92083E-05	0.0251204
409612.393:	409612.4	3730594	0.023895576	8.78084E-05	0.0239834
409632.393:	409632.4	3730594	0.022796717	8.62803E-05	0.022883
409652.393:	409652.4	3730594	0.021730935	8.46537E-05	0.0218156
409672.393:	409672.4	3730594	0.020709254	8.29088E-05	0.0207922
409692.393:	409692.4	3730594	0.019735349	8.10653E-05	0.0198164
409712.393:	409712.4	3730594	0.018809221	7.9133E-05	0.0188884
409732.393:	409732.4	3730594	0.01793087	7.71318E-05	0.018008
409752.393:	409752.4	3730594	0.01710397	7.50517E-05	0.017179
409772.393:	409772.4	3730594	0.016324846	7.29321E-05	0.0163978
408826.883:	408826.9	3730602.43	0.034145462	5.95981E-05	0.0342041
408846.883:	408846.9	3730602.43	0.035475853	6.0688E-05	0.0355365
408866.883:	408866.9	3730602.43	0.036773167	6.28076E-05	0.036836
408906.883:	408906.9	3730602.43	0.039202416	6.70664E-05	0.0392695
408926.883:	408926.9	3730602.43	0.040279224	6.91958E-05	0.0403484
408946.883:	408946.9	3730602.43	0.041234753	7.13055E-05	0.0413061
408966.883:	408966.9	3730602.43	0.042050627	7.33856E-05	0.042124
408986.883:	408986.9	3730602.43	0.042701122	7.54361E-05	0.0427766
409006.883:	409006.9	3730602.43	0.043182562	7.74374E-05	0.04326
409026.883:	409026.9	3730602.43	0.043483921	7.93893E-05	0.0435633
409046.883:	409046.9	3730602.43	0.0436052	8.12821E-05	0.0436865
409066.883:	409066.9	3730602.43	0.043564773	8.31256E-05	0.0436479
409086.883:	409086.9	3730602.43	0.043395718	8.49002E-05	0.0434806
409106.883:	409106.9	3730602.43	0.043105384	8.66056E-05	0.043192
409126.883:	409126.9	3730602.43	0.042741548	8.82421E-05	0.0428298
409175.153:	409175.2	3730604.08	0.042080028	9.24714E-05	0.0421725
409235.153:	409235.2	3730604.08	0.040900317	9.6257E-05	0.0409966
409275.153:	409275.2	3730604.08	0.040198371	9.81892E-05	0.0402966
409315.153:	409315.2	3730604.08	0.039422923	9.95891E-05	0.0395225
409335.153:	409335.2	3730604.08	0.038956183	0.000100062	0.0390562
409428.523:	409428.5	3730614	0.037225206	0.000105021	0.0373302
409572.393:	409572.4	3730614	0.028063152	9.87413E-05	0.0281619
409592.393:	409592.4	3730614	0.026740112	9.72625E-05	0.0268374
409612.393:	409612.4	3730614	0.025453823	9.5626E-05	0.0255494
409632.393:	409632.4	3730614	0.02420796	9.38515E-05	0.0243018
409652.393:	409652.4	3730614	0.023017224	9.19587E-05	0.0231092
409672.393:	409672.4	3730614	0.02187794	8.99378E-05	0.0219679
409692.393:	409692.4	3730614	0.020797457	8.78084E-05	0.0208853
409712.393:	409712.4	3730614	0.019775776	8.55705E-05	0.0198613

Max GLC for Chronic Calcs

Max GLC: 0.06851073

XY	X	Y	2026	2027
408826.8837305:	408826.9	3730582.43	0.000259617	0.000236686
408846.8837305:	408846.9	3730582.43	0.000268621	0.000244906
408866.8837305:	408866.9	3730582.43	0.000277257	0.000252777
409066.8837305:	409066.9	3730582.43	0.000317319	0.000287959
409086.8837305:	409086.9	3730582.43	0.000315858	0.000286352
409106.8837305:	409106.9	3730582.43	0.000313735	0.00028413
409126.8837305:	409126.9	3730582.43	0.00031123	0.00028156
409175.1537305:	409175.2	3730584.08	0.000307175	0.000277195
409235.1537305:	409235.2	3730584.08	0.000299869	0.000269833
409275.1537305:	409275.2	3730584.08	0.000295492	0.000265468
409315.1537305:	409315.2	3730584.08	0.000290534	0.000260622
409335.1537305:	409335.2	3730584.08	0.000287529	0.00025773
409428.5237305:	409428.5	3730594	0.000277457	0.000247583
409472.3937305:	409472.4	3730594	0.000260953	0.000232134
409523.3537305:	409523.4	3730595.29	0.000240072	0.000212616
409572.3937305:	409572.4	3730594	0.000216443	0.000190768
409592.3937305:	409592.4	3730594	0.000207339	0.000182361
409612.3937305:	409612.4	3730594	0.000198356	0.000174087
409632.3937305:	409632.4	3730594	0.000189635	0.000166082
409652.3937305:	409652.4	3730594	0.000181154	0.000158317
409672.3937305:	409672.4	3730594	0.000172994	0.000150874
409692.3937305:	409692.4	3730594	0.000165187	0.000143779
409712.3937305:	409712.4	3730594	0.000157734	0.000137031
409732.3937305:	409732.4	3730594	0.000150639	0.000130632
409752.3937305:	409752.4	3730594	0.000143928	0.000124608
409772.3937305:	409772.4	3730594	0.00013758	0.000118932
408826.8837306:	408826.9	3730602.43	0.000272756	0.000248761
408846.8837306:	408846.9	3730602.43	0.000283352	0.000258453
408866.8837306:	408866.9	3730602.43	0.000293698	0.000267905
408906.8837306:	408906.9	3730602.43	0.000313117	0.000285603
408926.8837306:	408926.9	3730602.43	0.000321764	0.000293448
408946.8837306:	408946.9	3730602.43	0.000329472	0.000300409
408966.8837306:	408966.9	3730602.43	0.000336098	0.000306353
408986.8837306:	408986.9	3730602.43	0.000341443	0.000311092
409006.8837306:	409006.9	3730602.43	0.000345477	0.000314599
409026.8837306:	409026.9	3730602.43	0.000348113	0.000316795
409046.8837306:	409046.9	3730602.43	0.000349351	0.000317678
409066.8837306:	409066.9	3730602.43	0.000349334	0.000317384
409086.8837306:	409086.9	3730602.43	0.000348313	0.000316152
409106.8837306:	409106.9	3730602.43	0.000346346	0.000314037
409126.8837306:	409126.9	3730602.43	0.000343801	0.000311386
409175.1537306:	409175.2	3730604.08	0.000339374	0.000306567
409235.1537306:	409235.2	3730604.08	0.000330878	0.000297972
409275.1537306:	409275.2	3730604.08	0.000325772	0.000292858
409315.1537306:	409315.2	3730604.08	0.000320014	0.000287209
409335.1537306:	409335.2	3730604.08	0.000316489	0.000283809
409428.5237306:	409428.5	3730614	0.000303929	0.000271198
409572.3937306:	409572.4	3730614	0.000232251	0.000204449
409592.3937306:	409592.4	3730614	0.000221809	0.000194811
409612.3937306:	409612.4	3730614	0.000211625	0.00018544
409632.3937306:	409632.4	3730614	0.000201731	0.000176363
409652.3937306:	409652.4	3730614	0.000192243	0.000167688
409672.3937306:	409672.4	3730614	0.000183132	0.000159388
409692.3937306:	409692.4	3730614	0.000174457	0.000151516
409712.3937306:	409712.4	3730614	0.000166219	0.000144073

409732.393:	409732.4	3730614	0.018812896	8.32538E-05	0.0188962	409732.3937306:	409732.4	3730614	0.000158421	0.000137058
409752.393:	409752.4	3730614	0.017908819	8.08779E-05	0.0179897	409752.3937306:	409752.4	3730614	0.000151068	0.000130472
409772.393:	409772.4	3730614	0.017063543	7.84331E-05	0.017142	409772.3937306:	409772.4	3730614	0.000144157	0.000124314
409251.243:	409251.2	3730720.44	0.082164471	0.00016772	0.0823322	409251.2437307:	409251.2	3730720.44	0.000660602	0.000598595
409175.153:	409175.2	3730624.08	0.046798872	0.000100121	0.046899	409175.1537306:	409175.2	3730624.08	0.000376996	0.000340945
409315.153:	409315.2	3730624.08	0.043671352	0.000109024	0.0437804	409315.1537306:	409315.2	3730624.08	0.000354293	0.00031816
409335.153:	409335.2	3730624.08	0.04311641	0.000109645	0.0432261	409335.1537306:	409335.2	3730624.08	0.000350112	0.000314117
409428.523:	409428.5	3730634	0.040944419	0.00011555	0.04106	409428.5237306:	409428.5	3730634	0.000334301	0.000298294
409472.393:	409472.4	3730634	0.037901426	0.000114327	0.0380158	409472.3937306:	409472.4	3730634	0.000310632	0.000276124
409492.393:	409492.4	3730634	0.036390955	0.00011345	0.0365044	409492.3937306:	409492.4	3730634	0.000298884	0.00026512
409512.393:	409512.4	3730634	0.034832708	0.000112395	0.0349451	409512.3937306:	409512.4	3730634	0.000286652	0.000253768
409572.393:	409572.4	3730634	0.030128565	0.000108176	0.0302367	409572.3937306:	409572.4	3730634	0.00024969	0.000219497
409592.393:	409592.4	3730634	0.028614419	0.000106431	0.0287209	409592.3937306:	409592.4	3730634	0.000237732	0.000208466
409612.393:	409612.4	3730634	0.02714805	0.000104518	0.0272526	409612.3937306:	409612.4	3730634	0.000226115	0.000197783
409632.393:	409632.4	3730634	0.025744157	0.000102448	0.0258466	409632.3937306:	409632.4	3730634	0.000214954	0.000187555
409652.393:	409652.4	3730634	0.024406416	0.00010023	0.0245066	409652.3937306:	409652.4	3730634	0.000204281	0.000177809
409672.393:	409672.4	3730634	0.023134828	9.78737E-05	0.0232327	409672.3937306:	409672.4	3730634	0.000194096	0.000168545
409692.393:	409692.4	3730634	0.021940416	9.53993E-05	0.0220358	409692.3937306:	409692.4	3730634	0.000184487	0.000159843
409712.393:	409712.4	3730634	0.020812157	9.28164E-05	0.020905	409712.3937306:	409712.4	3730634	0.000175371	0.000151623
409732.393:	409732.4	3730634	0.0197574	9.01349E-05	0.0198475	409732.3937306:	409732.4	3730634	0.000166806	0.000143939
409752.393:	409752.4	3730634	0.018768795	8.73845E-05	0.0188562	409752.3937306:	409752.4	3730634	0.000158741	0.000136737
409772.393:	409772.4	3730634	0.017846342	8.45748E-05	0.0179309	409772.3937306:	409772.4	3730634	0.000151176	0.000130017
409251.243:	409251.2	3730740.44	0.095608029	0.000186589	0.0957946	409251.2437307:	409251.2	3730740.44	0.000767318	0.000696536
408825.583:	408825.6	3730653.45	0.03835714	6.4237E-05	0.0384214	408825.5837306:	408825.6	3730653.45	0.000306145	0.000279445
408845.583:	408845.6	3730653.45	0.040271873	6.69481E-05	0.0403388	408845.5837306:	408845.6	3730653.45	0.000321348	0.000293394
408865.583:	408865.6	3730653.45	0.042227033	6.9738E-05	0.0422968	408865.5837306:	408865.6	3730653.45	0.000336876	0.000307638
408885.583:	408885.6	3730653.45	0.044174842	7.25871E-05	0.0442474	408885.5837306:	408885.6	3730653.45	0.000352356	0.000321828
408905.583:	408905.6	3730653.45	0.046137352	7.55051E-05	0.0462129	408905.5837306:	408905.6	3730653.45	0.000367961	0.000336126
408925.583:	408925.6	3730653.45	0.048041059	7.84528E-05	0.0481195	408925.5837306:	408925.6	3730653.45	0.000383117	0.000349995
408945.583:	408945.6	3730653.45	0.049856564	8.143E-05	0.049938	408945.5837306:	408945.6	3730653.45	0.000397597	0.000363222
408965.583:	408965.6	3730653.45	0.051543441	8.44171E-05	0.0516279	408965.5837306:	408965.6	3730653.45	0.000411086	0.000375511
408985.583:	408985.6	3730653.45	0.053057587	8.73943E-05	0.053145	408985.5837306:	408985.6	3730653.45	0.000423242	0.000386542
409005.583:	409005.6	3730653.45	0.054362251	9.0342E-05	0.0544526	409005.5837306:	409005.6	3730653.45	0.000433777	0.000396047
409025.583:	409025.6	3730653.45	0.055417008	9.326E-05	0.0555103	409025.5837306:	409025.6	3730653.45	0.000442379	0.000403731
409045.583:	409045.6	3730653.45	0.056196132	9.61288E-05	0.0562923	409045.5837306:	409045.6	3730653.45	0.000448848	0.000409407
409065.583:	409065.6	3730653.45	0.056681247	9.89384E-05	0.0567802	409065.5837306:	409065.6	3730653.45	0.000453039	0.000412942
409085.583:	409085.6	3730653.45	0.056883378	0.000101689	0.0569851	409085.5837306:	409085.6	3730653.45	0.000455037	0.000414414
409105.583:	409105.6	3730653.45	0.056831926	0.000104361	0.0569363	409105.5837306:	409105.6	3730653.45	0.000455067	0.000414039
409125.583:	409125.6	3730653.45	0.056556293	0.000106963	0.0566633	409125.5837306:	409125.6	3730653.45	0.000453357	0.000412031
409175.153:	409175.2	3730644.08	0.052351965	0.000108669	0.0524606	409175.1537306:	409175.2	3730644.08	0.000421198	0.000381401
409215.153:	409215.2	3730644.08	0.051242082	0.000112632	0.0513547	409215.1537306:	409215.2	3730644.08	0.000413269	0.000373316
409235.153:	409235.2	3730644.08	0.050727566	0.000114396	0.050842	409235.1537306:	409235.2	3730644.08	0.000409582	0.000369567
409255.153:	409255.2	3730644.08	0.050235101	0.000116003	0.0503511	409255.1537306:	409255.2	3730644.08	0.00040604	0.000365979
409275.153:	409275.2	3730644.08	0.049746311	0.000117443	0.0498638	409275.1537306:	409275.2	3730644.08	0.0004025	0.000362418
409295.153:	409295.2	3730644.08	0.049231796	0.000118695	0.0493505	409295.1537306:	409295.2	3730644.08	0.000398731	0.00035867
409315.153:	409315.2	3730644.08	0.048658478	0.00011974	0.0487782	409315.1537306:	409315.2	3730644.08	0.000394475	0.000354493
409335.153:	409335.2	3730644.08	0.047985933	0.000120568	0.0481065	409335.1537306:	409335.2	3730644.08	0.00038942	0.000349593
409428.523:	409428.5	3730654	0.045225924	0.000127666	0.0453536	409428.5237306:	409428.5	3730654	0.000369263	0.000329486
409472.393:	409472.4	3730654	0.041550812	0.000126266	0.0416771	409472.3937306:	409472.4	3730654	0.00034069	0.000302711
409492.393:	409492.4	3730654	0.039738982	0.000125231	0.0398642	409492.3937306:	409492.4	3730654	0.000326549	0.000289512
409512.393:	409512.4	3730654	0.037890401	0.000123979	0.0380144	409512.3937306:	409512.4	3730654	0.000312089	0.000276044
409572.393:	409572.4	3730654	0.032399784	0.00011898	0.0325188	409572.3937306:	409572.4	3730654	0.000268936	0.000236043
409592.393:	409592.4	3730654	0.030661456	0.00011692	0.0307784	409592.3937306:	409592.4	3730654	0.000255198	0.000223379
409612.393:	409612.4	3730654	0.028992956	0.000114663	0.0291076	409612.3937306:	409612.4	3730654	0.000241967	0.000211223
409632.393:	409632.4	3730654	0.027405307	0.000112237	0.0275175	409632.3937306:	409632.4	3730654	0.000229332	0.000199657
409652.393:	409652.4	3730654	0.025905862	0.000109635	0.0260155	409652.3937306:	409652.4	3730654	0.00021735	0.000188733
409672.393:	409672.4	3730654	0.024490944	0.000106894	0.0245978	409672.3937306:	409672.4	3730654	0.000205998	0.000178425
409692.393:	409692.4	3730654	0.023164229	0.000104006	0.0232682	409692.3937306:	409692.4	3730654	0.000195302	0.000168759
409712.393:	409712.4	3730654	0.021922041	0.000100989	0.022023	409712.3937306:	409712.4	3730654	0.000185238	0.000159709
409732.393:	409732.4	3730654	0.020764381	9.78737E-05	0.0208623	409732.3937306:	409732.4	3730654	0.00017581	0.000151275
409752.393:	409752.4	3730654	0.019683898	9.46895E-05	0.0197786	409752.3937306:	409752.4	3730654	0.000166967	0.000143404
409772.393:	409772.4	3730654	0.018680592	9.14461E-05	0.018772	409772.3937306:	409772.4	3730654	0.000158709	0.000136094
409251.243:	409251.2	3730760.44	0.11259807	0.000208599	0.1128067	409251.2437307:	409251.2	3730760.44	0.000901893	0.000820314
409175.153:	409175.2	3730664.08	0.058952466	0.000118221	0.0590707	409175.1537306:	409175.2	3730664.08	0.000473639	0.000429488
409428.523:	409428.5	3730674	0.05019835	0.000141674	0.05034	409428.5237306:	409428.5	3730674	0.000409858	0.000365712

409472.393:	409472.4	3730674	0.045714714	0.000140077	0.0458548	409472.3937306:	409472.4	3730674	0.000375017	0.000333047
409492.393:	409492.4	3730674	0.043513322	0.000138875	0.0436522	409492.3937306:	409492.4	3730674	0.000357843	0.000317009
409512.393:	409512.4	3730674	0.041333981	0.000137396	0.0414714	409512.3937306:	409512.4	3730674	0.000340796	0.000301132
409572.393:	409572.4	3730674	0.03490621	0.000131422	0.0350376	409572.3937306:	409572.4	3730674	0.000290258	0.000254303
409592.393:	409592.4	3730674	0.03290695	0.000128967	0.0330359	409592.3937306:	409592.4	3730674	0.000274444	0.000239738
409612.393:	409612.4	3730674	0.031006917	0.000126305	0.0311332	409612.3937306:	409612.4	3730674	0.000259362	0.000225896
409632.393:	409632.4	3730674	0.029213462	0.000123446	0.0293369	409632.3937306:	409632.4	3730674	0.000245071	0.00021283
409652.393:	409652.4	3730674	0.027526586	0.00012039	0.027647	409652.3937306:	409652.4	3730674	0.00023157	0.00020054
409672.393:	409672.4	3730674	0.025949963	0.000117167	0.0260671	409672.3937306:	409672.4	3730674	0.000218893	0.000189054
409692.393:	409692.4	3730674	0.024479919	0.000115395	0.0245937	409692.3937306:	409692.4	3730674	0.000207015	0.000178344
409712.393:	409712.4	3730674	0.023112777	0.000110276	0.0232231	409712.3937306:	409712.4	3730674	0.000195907	0.000168384
409732.393:	409732.4	3730674	0.021844864	0.000106648	0.0219515	409732.3937306:	409732.4	3730674	0.000185547	0.000159147
409752.393:	409752.4	3730674	0.020665153	0.000102931	0.0207681	409752.3937306:	409752.4	3730674	0.000175853	0.000150553
409772.393:	409772.4	3730674	0.019573645	9.9175E-05	0.0196728	409772.3937306:	409772.4	3730674	0.000166833	0.000142601
409251.243:	409251.2	3730780.44	0.13447601	0.000234451	0.1347105	409251.2437307:	409251.2	3730780.44	0.001074788	0.000979702
408826.883:	408826.9	3730682.43	0.040955444	6.7786E-05	0.0410232	408826.8837306:	408826.9	3730682.43	0.000326755	0.000298374
408846.883:	408846.9	3730682.43	0.043252389	7.09111E-05	0.0433233	408846.8837306:	408846.9	3730682.43	0.000344973	0.000315108
408866.883:	408866.9	3730682.43	0.045637536	7.41545E-05	0.0457117	408866.8837306:	408866.9	3730682.43	0.000363889	0.000332485
408886.883:	408886.9	3730682.43	0.048074135	7.75064E-05	0.0481516	408886.8837306:	408886.9	3730682.43	0.000383221	0.000350236
408906.883:	408906.9	3730682.43	0.050591587	8.09568E-05	0.0506725	408906.8837306:	408906.9	3730682.43	0.000403191	0.000368577
408926.883:	408926.9	3730682.43	0.053094338	8.4496E-05	0.0531788	408926.8837306:	408926.9	3730682.43	0.000423062	0.00038681
408946.883:	408946.9	3730682.43	0.055560338	8.80943E-05	0.0556484	408946.8837306:	408946.9	3730682.43	0.000442266	0.000404776
408966.883:	408966.9	3730682.43	0.05794181	9.17418E-05	0.0580336	408966.8837306:	408966.9	3730682.43	0.000461613	0.000422125
408986.883:	408986.9	3730682.43	0.060172603	9.5419E-05	0.060268	408986.8837306:	408986.9	3730682.43	0.000479408	0.000438377
409006.883:	409006.9	3730682.43	0.06220494	9.90863E-05	0.062304	409006.8837306:	409006.9	3730682.43	0.000495671	0.000453184
409026.883:	409026.9	3730682.43	0.063954293	0.000102754	0.064057	409026.8837306:	409026.9	3730682.43	0.000509752	0.000465928
409046.883:	409046.9	3730682.43	0.065380236	0.000106372	0.0654866	409046.8837306:	409046.9	3730682.43	0.000521329	0.000476317
409066.883:	409066.9	3730682.43	0.066438668	0.00010995	0.0665486	409066.8837306:	409066.9	3730682.43	0.000530066	0.000484028
409086.883:	409086.9	3730682.43	0.067107539	0.00011347	0.067221	409086.8837306:	409086.9	3730682.43	0.000535787	0.000488901
409106.883:	409106.9	3730682.43	0.067386847	0.00011692	0.0675038	409106.8837306:	409106.9	3730682.43	0.000538493	0.000490936
409126.883:	409126.9	3730682.43	0.067320695	0.000120292	0.067441	409126.8837306:	409126.9	3730682.43	0.000538522	0.000490454
409175.153:	409175.2	3730684.08	0.066857631	0.000128947	0.0669866	409175.1537306:	409175.2	3730684.08	0.000536332	0.00048708
409215.153:	409215.2	3730684.08	0.065380236	0.000134882	0.0655151	409215.1537306:	409215.2	3730684.08	0.000525884	0.000476317
409235.153:	409235.2	3730684.08	0.064652564	0.000137583	0.0647901	409235.1537306:	409235.2	3730684.08	0.000520702	0.000471015
409255.153:	409255.2	3730684.08	0.063932242	0.000140087	0.0640723	409255.1537306:	409255.2	3730684.08	0.000515546	0.000465768
409275.153:	409275.2	3730684.08	0.063215595	0.000142355	0.0633579	409275.1537306:	409275.2	3730684.08	0.00051038	0.000460547
409295.153:	409295.2	3730684.08	0.062462197	0.000144376	0.0626066	409295.1537306:	409295.2	3730684.08	0.000504891	0.000455058
409315.153:	409315.2	3730684.08	0.061609572	0.000146091	0.0617557	409315.1537306:	409315.2	3730684.08	0.000498588	0.000448846
409428.523:	409428.5	3730694	0.056005026	0.00015798	0.056163	409428.5237306:	409428.5	3730694	0.000457255	0.000408015
409472.393:	409472.4	3730694	0.050492359	0.000156186	0.0506485	409472.3937306:	409472.4	3730694	0.000414444	0.000367854
409492.393:	409492.4	3730694	0.047835253	0.000154766	0.04799	409492.3937306:	409492.4	3730694	0.000393721	0.000348496
409512.393:	409512.4	3730694	0.045214898	0.000153012	0.0453679	409512.3937306:	409512.4	3730694	0.000373227	0.000329406
409572.393:	409572.4	3730694	0.037673569	0.000145894	0.0378195	409572.3937306:	409572.4	3730694	0.000313917	0.000274464
409592.393:	409592.4	3730694	0.03537295	0.000142966	0.0355159	409592.3937306:	409592.4	3730694	0.000295703	0.000257704
409612.393:	409612.4	3730694	0.033208309	0.000139801	0.0333481	409612.3937306:	409612.4	3730694	0.0002785	0.000241934
409652.393:	409652.4	3730694	0.029286965	0.000132802	0.0294198	409652.3937306:	409652.4	3730694	0.000247133	0.000213365
409672.393:	409672.4	3730694	0.027530261	0.000129006	0.0276593	409672.3937306:	409672.4	3730694	0.000232975	0.000200567
409692.393:	409692.4	3730694	0.025898512	0.000125024	0.0260235	409692.3937306:	409692.4	3730694	0.000219752	0.000188679
409712.393:	409712.4	3730694	0.024395391	0.000120893	0.0245163	409712.3937306:	409712.4	3730694	0.000207497	0.000177729
409732.393:	409732.4	3730694	0.023002524	0.000116634	0.0231192	409732.3937306:	409732.4	3730694	0.000196072	0.000167581
409772.393:	409772.4	3730694	0.020529174	0.00010789	0.0206371	409772.3937306:	409772.4	3730694	0.000175596	0.000149562
409251.243:	409251.2	3730800.44	0.163244784	0.000265111	0.1635099	409251.2437308:	409251.2	3730800.44	0.001301605	0.001189293
409175.153:	409175.2	3730704.08	0.076409246	0.000141043	0.0765503	409175.1537307:	409175.2	3730704.08	0.000611945	0.000556667
409321.973:	409322	3730701.65	0.068614334	0.000160928	0.0687753	409321.9737307:	409322	3730701.65	0.000554993	0.000499878
409428.523:	409428.5	3730714	0.062822358	0.000177066	0.0629994	409428.5237307:	409428.5	3730714	0.000512892	0.000457682
409472.393:	409472.4	3730714	0.056001351	0.000175055	0.0561764	409472.3937307:	409472.4	3730714	0.000459954	0.000407988
409492.393:	409492.4	3730714	0.052745202	0.000173399	0.0529186	409492.3937307:	409492.4	3730714	0.000434572	0.000384266
409512.393:	409512.4	3730714	0.049614007	0.000171328	0.0497853	409512.3937307:	409512.4	3730714	0.000410088	0.000361455
409572.393:	409572.4	3730714	0.040738613	0.000162801	0.0409014	409572.3937307:	409572.4	3730714	0.000340262	0.000296794
409592.393:	409592.4	3730714	0.038088857	0.000159291	0.0382481	409592.3937307:	409592.4	3730714	0.000319261	0.00027749
409612.393:	409612.4	3730714	0.035619182	0.000155525	0.0357747	409612.3937307:	409612.4	3730714	0.000299609	0.000259498
409732.393:	409732.4	3730714	0.024248387	0.00012806	0.0243764	409732.3937307:	409732.4	3730714	0.000207508	0.000176658
409772.393:	409772.4	3730714	0.02155453	0.000117797	0.0216723	409772.3937307:	409772.4	3730714	0.000185088	0.000157032
409251.243:	409251.2	3730820.44	0.202002511	0.000301883	0.2023044	409251.2437308:	409251.2	3730820.44	0.001606452	0.001471655
408826.883:	408826.9	3730722.43	0.044299796	7.24589E-05	0.0443723	408826.8837307:	408826.9	3730722.43	0.000353299	0.000322739

408846.883:	408846.9	3730722.43	0.047162708	7.61952E-05	0.0472389	408846.8837307:	408846.9	3730722.43	0.00037598	0.000343596
408886.883:	408886.9	3730722.43	0.053428773	8.42594E-05	0.053513	408886.8837307:	408886.9	3730722.43	0.000425604	0.000389246
408906.883:	408906.9	3730722.43	0.056773125	8.85675E-05	0.0568617	408906.8837307:	408906.9	3730722.43	0.000452091	0.000413611
408926.883:	408926.9	3730722.43	0.060330633	9.30727E-05	0.0604237	408926.8837307:	408926.9	3730722.43	0.000480253	0.000439529
408966.883:	408966.9	3730722.43	0.067577953	0.000102507	0.0676805	408966.8837307:	408966.9	3730722.43	0.000537665	0.000492328
408986.883:	408986.9	3730722.43	0.071201613	0.000107397	0.071309	408986.8837307:	408986.9	3730722.43	0.000566398	0.000518727
409006.883:	409006.9	3730722.43	0.074692969	0.000112366	0.0748053	409006.8837307:	409006.9	3730722.43	0.000594124	0.000544163
409026.883:	409026.9	3730722.43	0.077960143	0.000117374	0.0780775	409026.8837307:	409026.9	3730722.43	0.000620127	0.000567966
409046.883:	409046.9	3730722.43	0.080892882	0.000122411	0.0810153	409046.8837307:	409046.9	3730722.43	0.000643554	0.000589332
409066.883:	409066.9	3730722.43	0.083377258	0.000127429	0.0835047	409066.8837307:	409066.9	3730722.43	0.000666352	0.000607431
409086.883:	409086.9	3730722.43	0.085328742	0.000132408	0.0854611	409086.8837307:	409086.9	3730722.43	0.000679369	0.000621648
409106.883:	409106.9	3730722.43	0.086677508	0.000137347	0.0868149	409106.8837307:	409106.9	3730722.43	0.000690562	0.000631474
409126.883:	409126.9	3730722.43	0.08741253	0.000142207	0.0875547	409126.8837307:	409126.9	3730722.43	0.000697009	0.000636829
409175.153:	409175.2	3730724.08	0.0880667	0.000154737	0.0882214	409175.1537307:	409175.2	3730724.08	0.000704057	0.000641595
409226.653:	409226.7	3730720.18	0.083263329	0.000162811	0.0834261	409226.6537307:	409226.7	3730720.18	0.000668294	0.000606601
409275.963:	409276	3730720.53	0.080922283	0.000172078	0.0810944	409275.9637307:	409276	3730720.53	0.000651716	0.000589546
409321.973:	409322	3730721.65	0.07867679	0.000179698	0.0788565	409321.9737307:	409322	3730721.65	0.000635612	0.000573187
409428.523:	409428.5	3730734	0.070867178	0.000199553	0.0710667	409428.5237307:	409428.5	3730734	0.000578541	0.000516291
409472.393:	409472.4	3730734	0.06237767	0.000197335	0.062575	409472.3937307:	409472.4	3730734	0.0005127	0.000454442
409492.393:	409492.4	3730734	0.058390174	0.000195402	0.0585856	409492.3937307:	409492.4	3730734	0.000481632	0.000425392
409512.393:	409512.4	3730734	0.054608484	0.000192938	0.0548014	409512.3937307:	409512.4	3730734	0.000452067	0.000397841
409572.393:	409572.4	3730734	0.044138091	0.000182725	0.0443208	409572.3937307:	409572.4	3730734	0.000369668	0.000321561
409592.393:	409592.4	3730734	0.041087748	0.000178505	0.0412663	409592.3937307:	409592.4	3730734	0.000345464	0.000299338
409612.393:	409612.4	3730734	0.038265262	0.00017398	0.0384392	409612.3937307:	409612.4	3730734	0.000322969	0.000278775
409652.393:	409652.4	3730734	0.033281811	0.000164004	0.0334458	409652.3937307:	409652.4	3730734	0.000282933	0.000242469
409692.393:	409692.4	3730734	0.029095859	0.000153012	0.0292489	409692.3937307:	409692.4	3730734	0.000248887	0.000211973
409732.393:	409732.4	3730734	0.025593477	0.000141241	0.0257347	409732.3937307:	409732.4	3730734	0.00021999	0.000186457
409772.393:	409772.4	3730734	0.022660738	0.000129095	0.0227898	409772.3937307:	409772.4	3730734	0.000195426	0.000165091
409251.243:	409251.2	3730840.44	0.255725293	0.000346561	0.2560719	409251.2437308:	409251.2	3730840.44	0.002028001	0.001863044
408826.883:	408826.9	3730742.43	0.045902144	7.47658E-05	0.0459769	408826.8837307:	408826.9	3730742.43	0.000366028	0.000334412
408846.883:	408846.9	3730742.43	0.04906274	7.88274E-05	0.0491416	408846.8837307:	408846.9	3730742.43	0.000391058	0.000357438
408886.883:	408886.9	3730742.43	0.05611528	8.76999E-05	0.056203	408886.8837307:	408886.9	3730742.43	0.000446877	0.000408818
408906.883:	408906.9	3730742.43	0.059907995	9.24812E-05	0.0600005	408906.8837307:	408906.9	3730742.43	0.000476898	0.000436465
408926.883:	408926.9	3730742.43	0.064079247	9.75484E-05	0.0641768	408926.8837307:	408926.9	3730742.43	0.000509884	0.000466839
408966.883:	408966.9	3730742.43	0.072778236	0.000108264	0.0728865	408966.8837307:	408966.9	3730742.43	0.000578699	0.000530214
408986.883:	408986.9	3730742.43	0.077269222	0.000113894	0.0773831	408986.8837307:	408986.9	3730742.43	0.000614241	0.000562932
409006.883:	409006.9	3730742.43	0.081730808	0.000119671	0.0818505	409006.8837307:	409006.9	3730742.43	0.00064958	0.000595436
409026.883:	409026.9	3730742.43	0.086052739	0.000125536	0.0861783	409026.8837307:	409026.9	3730742.43	0.000683856	0.000626923
409046.883:	409046.9	3730742.43	0.090084336	0.000131471	0.0902158	409046.8837307:	409046.9	3730742.43	0.000715904	0.000656294
409066.883:	409066.9	3730742.43	0.093674921	0.000137425	0.0938123	409066.8837307:	409066.9	3730742.43	0.000744552	0.000682453
409086.883:	409086.9	3730742.43	0.096684837	0.00014338	0.0968282	409086.8837307:	409086.9	3730742.43	0.000768722	0.000704381
409106.883:	409106.9	3730742.43	0.098989132	0.000149305	0.0991384	409106.8837307:	409106.9	3730742.43	0.000787443	0.000721169
409126.883:	409126.9	3730742.43	0.100506953	0.000155171	0.1006621	409126.8837307:	409126.9	3730742.43	0.000800089	0.000732227
409175.153:	409175.2	3730744.08	0.102418011	0.000170313	0.1025883	409175.1537307:	409175.2	3730744.08	0.000817249	0.000746149
409226.653:	409226.7	3730740.18	0.096931069	0.000180506	0.0971116	409226.6537307:	409226.7	3730740.18	0.000776552	0.000706175
409275.963:	409276	3730740.53	0.094042432	0.000192051	0.0942345	409275.9637307:	409276	3730740.53	0.000756114	0.00068513
409321.973:	409322	3730741.65	0.091124393	0.000201643	0.091326	409321.9737307:	409322	3730741.65	0.000735137	0.000663871
409412.393:	409412.4	3730754	0.084365863	0.0002262	0.0845921	409412.3937307:	409412.4	3730754	0.000686926	0.000614633
409472.393:	409472.4	3730754	0.06980507	0.000223834	0.0700289	409472.3937307:	409472.4	3730754	0.000574228	0.000508553
409492.393:	409492.4	3730754	0.064917172	0.000221576	0.0651387	409492.3937307:	409492.4	3730754	0.000536162	0.000472943
409512.393:	409512.4	3730754	0.060301232	0.000218678	0.0605199	409512.3937307:	409512.4	3730754	0.000500092	0.000439315
409552.393:	409552.4	3730754	0.051760272	0.000211058	0.0519713	409552.3937307:	409552.4	3730754	0.000432991	0.000377091
409572.393:	409572.4	3730754	0.047923456	0.000206404	0.0481299	409572.3937307:	409572.4	3730754	0.000402651	0.000349138
409592.393:	409592.4	3730754	0.044402699	0.000201308	0.044604	409592.3937307:	409592.4	3730754	0.000374678	0.000323488
409612.393:	409612.4	3730754	0.041179626	0.000195846	0.0413755	409612.3937307:	409612.4	3730754	0.000348943	0.000300007
409652.393:	409652.4	3730754	0.03556038	0.000183819	0.0357442	409652.3937307:	409652.4	3730754	0.000303675	0.000259069
409692.393:	409692.4	3730754	0.030907689	0.000170619	0.0310783	409692.3937307:	409692.4	3730754	0.000265676	0.000225173
409732.393:	409732.4	3730754	0.027056172	0.000156551	0.0272127	409732.3937307:	409732.4	3730754	0.000233719	0.000197113
409772.393:	409772.4	3730754	0.023858825	0.000142079	0.0240009	409772.3937307:	409772.4	3730754	0.000206743	0.000173819
409251.243:	409251.2	3730860.44	0.332704181	0.000401708	0.3331059	409251.2437308:	409251.2	3730860.44	0.002630617	0.002423861
408826.883:	408826.9	3730762.43	0.047419965	7.70135E-05	0.047497	408826.8837307:	408826.9	3730762.43	0.000378096	0.00034547
408846.883:	408846.9	3730762.43	0.050885596	8.143E-05	0.050967	408846.8837307:	408846.9	3730762.43	0.000405535	0.000370718
408886.883:	408886.9	3730762.43	0.058735634	9.11503E-05	0.0588268	408886.8837307:	408886.9	3730762.43	0.000467642	0.000427909
408926.883:	408926.9	3730762.43	0.067853586	0.000102103	0.0679557	408926.8837307:	408926.9	3730762.43	0.000539726	0.000494336
408966.883:	408966.9	3730762.43	0.078158599	0.000114258	0.0782729	408966.8837307:	408966.9	3730762.43	0.00062116	0.000569411

408986.883	408986.9	3730762.43	0.083652891	0.000120725	0.0837736	408986.8837307	408986.9	3730762.43	0.000664575	0.000609439
409006.883	409006.9	3730762.43	0.089253761	0.000127419	0.0893812	409006.8837307	409006.9	3730762.43	0.000708849	0.000650243
409026.883	409026.9	3730762.43	0.094850956	0.000134291	0.0949852	409026.8837307	409026.9	3730762.43	0.000753123	0.000691021
409046.883	409046.9	3730762.43	0.100271746	0.00014129	0.100413	409046.8837307	409046.9	3730762.43	0.000796057	0.000730513
409066.883	409066.9	3730762.43	0.105317674	0.000148378	0.1054661	409066.8837307	409066.9	3730762.43	0.000836113	0.000767274
409086.883	409086.9	3730762.43	0.10979396	0.000155516	0.1099495	409086.8837307	409086.9	3730762.43	0.000871783	0.000799885
409106.883	409106.9	3730762.43	0.113469072	0.000162643	0.1136317	409106.8837307	409106.9	3730762.43	0.000901271	0.00082666
409126.883	409126.9	3730762.43	0.11619968	0.000169751	0.1163694	409126.8837307	409126.9	3730762.43	0.00092347	0.000846553
409175.153	409175.2	3730764.08	0.120271703	0.000188137	0.1204598	409175.1537307	409175.2	3730764.08	0.000957818	0.000876219
409226.653	409226.7	3730760.18	0.114171018	0.000201022	0.114372	409226.6537307	409226.7	3730760.18	0.000912817	0.000831774
409275.963	409276	3730760.53	0.110617185	0.000215444	0.1108326	409275.9637307	409276	3730760.53	0.000887707	0.000805883
409321.973	409322	3730761.65	0.106747293	0.000227521	0.1069748	409321.9737307	409322	3730761.65	0.000859785	0.00077769
409432.393	409432.4	3730774	0.09084876	0.000258092	0.0911069	409432.3937307	409432.4	3730774	0.000742029	0.000661863
409452.393	409452.4	3730774	0.084692948	0.000257313	0.0849503	409452.3937307	409452.4	3730774	0.00069442	0.000617016
409472.393	409472.4	3730774	0.078419532	0.000255598	0.0786751	409472.3937307	409472.4	3730774	0.000645753	0.000571312
409492.393	409492.4	3730774	0.072447476	0.000252985	0.0727005	409492.3937307	409492.4	3730774	0.000599268	0.000527804
409512.393	409512.4	3730774	0.06681353	0.000249564	0.0670631	409512.3937307	409512.4	3730774	0.000555262	0.000486759
409552.393	409552.4	3730774	0.056637145	0.000240435	0.0568776	409552.3937307	409552.4	3730774	0.000475304	0.00041262
409572.393	409572.4	3730774	0.052157184	0.000234806	0.052392	409572.3937307	409572.4	3730774	0.000439847	0.000379982
409592.393	409592.4	3730774	0.048088836	0.000228625	0.0483175	409592.3937307	409592.4	3730774	0.000407477	0.000350343
409612.393	409612.4	3730774	0.044402699	0.000222	0.0446247	409612.3937307	409612.4	3730774	0.000377984	0.000323488
409652.393	409652.4	3730774	0.038063131	0.00020739	0.0382705	409652.3937307	409652.4	3730774	0.000326747	0.000277303
409692.393	409692.4	3730774	0.032892249	0.000191439	0.0330837	409692.3937307	409692.4	3730774	0.000284311	0.000239631
409732.393	409732.4	3730774	0.028654845	0.000174463	0.0288293	409732.3937307	409732.4	3730774	0.000248912	0.00020876
409772.393	409772.4	3730774	0.025163489	0.000157093	0.0253206	409772.3937307	409772.4	3730774	0.000219205	0.000183324
409251.243	409251.2	3730880.44	0.4477168	0.000471081	0.4481879	409251.2437308	409251.2	3730880.44	0.003528894	0.003261766
408826.883	408826.9	3730782.43	0.048820183	7.91922E-05	0.0488994	408826.8837307	408826.9	3730782.43	0.000389245	0.000355671
408846.883	408846.9	3730782.43	0.052590848	8.39537E-05	0.0526748	408846.8837307	408846.9	3730782.43	0.000419092	0.000383142
408886.883	408886.9	3730782.43	0.061271461	9.45712E-05	0.061366	408886.8837307	408886.9	3730782.43	0.000487749	0.000446383
408926.883	408926.9	3730782.43	0.071598525	0.000106727	0.0717053	408926.8837307	408926.9	3730782.43	0.000569353	0.000521619
409175.153	409175.2	3730784.08	0.142675184	0.000208672	0.1428839	409175.1537307	409175.2	3730784.08	0.001133917	0.001039436
409226.653	409226.7	3730780.18	0.13629519	0.000224978	0.1365202	409226.6537307	409226.7	3730780.18	0.001087307	0.000992956
409275.963	409276	3730780.53	0.131947533	0.000243087	0.1321906	409275.9637307	409276	3730780.53	0.001056663	0.000961282
409321.973	409322	3730781.65	0.126699474	0.000258318	0.1269578	409321.9737307	409322	3730781.65	0.001018614	0.000923048
409432.393	409432.4	3730794	0.104707606	0.000296648	0.1050043	409432.3937307	409432.4	3730794	0.000855094	0.00076283
409452.393	409452.4	3730794	0.096592959	0.000295908	0.0968889	409452.3937307	409452.4	3730794	0.000792381	0.000703712
409472.393	409472.4	3730794	0.08871352	0.000294016	0.0890075	409472.3937307	409472.4	3730794	0.000731297	0.000646307
409492.393	409492.4	3730794	0.081249368	0.000291019	0.0815404	409492.3937307	409492.4	3730794	0.000673241	0.000591929
409512.393	409512.4	3730794	0.074299732	0.000287006	0.0745867	409512.3937307	409512.4	3730794	0.000618991	0.000541298
409552.393	409552.4	3730794	0.062149813	0.000276064	0.0624259	409552.3937307	409552.4	3730794	0.00052352	0.000452782
409572.393	409572.4	3730794	0.056909104	0.000269242	0.0571783	409572.3937307	409572.4	3730794	0.000482004	0.000414602
409592.393	409592.4	3730794	0.052208636	0.00026172	0.0524704	409592.3937307	409592.4	3730794	0.000444543	0.000380357
409612.393	409612.4	3730794	0.047996958	0.000253636	0.0482506	409612.3937307	409612.4	3730794	0.000410764	0.000349674
409652.393	409652.4	3730794	0.040837841	0.000235782	0.0410736	409652.3937307	409652.4	3730794	0.000352687	0.000297517
409692.393	409692.4	3730794	0.035075265	0.000216312	0.0352916	409692.3937307	409692.4	3730794	0.000305124	0.000255535
409732.393	409732.4	3730794	0.030404199	0.000195649	0.0305998	409732.3937307	409732.4	3730794	0.000265791	0.000221505
409772.393	409772.4	3730794	0.026589433	0.000174611	0.026764	409772.3937307	409772.4	3730794	0.000233004	0.000193713
409251.243	409251.2	3730900.44	0.628591095	0.000560467	0.6291516	409251.2437309	409251.2	3730900.44	0.004938417	0.004579495
408826.883	408826.9	3730802.43	0.050066046	8.12624E-05	0.0501473	408826.8837308	408826.9	3730802.43	0.000399186	0.000364748
408846.883	408846.9	3730802.43	0.05413807	8.63986E-05	0.0542245	408846.8837308	408846.9	3730802.43	0.000431418	0.000394414
408886.883	408886.9	3730802.43	0.063652934	9.79329E-05	0.0637509	408886.8837308	408886.9	3730802.43	0.000506657	0.000463733
408926.883	408926.9	3730802.43	0.075229535	0.00011135	0.0753409	408926.8837308	408926.9	3730802.43	0.000598101	0.000548072
408966.883	408966.9	3730802.43	0.089187609	0.000126788	0.0893144	408966.8837308	408966.9	3730802.43	0.000708238	0.000649761
408986.883	408986.9	3730802.43	0.097074399	0.000135266	0.0972097	408986.8837308	408986.9	3730802.43	0.00077043	0.000707219
409006.883	409006.9	3730802.43	0.105527156	0.000144218	0.1056714	409006.8837308	409006.9	3730802.43	0.000837064	0.0007688
409026.883	409026.9	3730802.43	0.114468702	0.000153613	0.1146223	409026.8837308	409026.9	3730802.43	0.000907539	0.000833943
409046.883	409046.9	3730802.43	0.123722633	0.000163392	0.123886	409046.8837308	409046.9	3730802.43	0.000980485	0.000901361
409066.883	409066.9	3730802.43	0.133046392	0.000173477	0.1332199	409066.8837308	409066.9	3730802.43	0.001054019	0.000969287
409086.883	409086.9	3730802.43	0.142109217	0.000183809	0.142293	409086.8837308	409086.9	3730802.43	0.001125579	0.001035313
409106.883	409106.9	3730802.43	0.150495822	0.000194288	0.1506901	409106.8837308	409106.9	3730802.43	0.001191946	0.001096412
409126.883	409126.9	3730802.43	0.157757842	0.000204857	0.1579627	409126.8837308	409126.9	3730802.43	0.001249653	0.001149318
409175.153	409175.2	3730804.08	0.171120548	0.00023246	0.171353	409175.1537308	409175.2	3730804.08	0.001357141	0.00124667
409226.653	409226.7	3730800.18	0.165192593	0.000253202	0.1654458	409226.6537308	409226.7	3730800.18	0.001314727	0.001203483
409275.963	409276	3730800.53	0.160007011	0.000276034	0.160283	409275.9637308	409276	3730800.53	0.001278374	0.001165704
409321.973	409322	3730801.65	0.152693538	0.000295337	0.1529889	409321.9737308	409322	3730801.65	0.001225043	0.001112423

409432.393;	409432.4	3730814	0.12148449	0.000343682	0.1218282	409432.3937308:	409432.4	3730814	0.000992023	0.000885055
409452.393;	409452.4	3730814	0.110892819	0.000343081	0.1112359	409452.3937308:	409452.4	3730814	0.000910224	0.000807891
409472.393;	409472.4	3730814	0.100819338	0.000341	0.1011603	409472.3937308:	409472.4	3730814	0.000832186	0.000734502
409492.393;	409492.4	3730814	0.091477204	0.000337589	0.0918148	409492.3937308:	409492.4	3730814	0.000759577	0.000666442
409512.393;	409512.4	3730814	0.08295462	0.000332857	0.0832875	409512.3937308:	409512.4	3730814	0.000693079	0.000604352
409552.393;	409552.4	3730814	0.068415878	0.000319775	0.0687357	409552.3937308:	409552.4	3730814	0.000578839	0.000498432
409572.393;	409572.4	3730814	0.062278442	0.000311494	0.0625899	409572.3937308:	409572.4	3730814	0.000530173	0.000453719
409592.393;	409592.4	3730814	0.056842952	0.000302316	0.0571453	409592.3937308:	409592.4	3730814	0.000486778	0.00041412
409612.393;	409612.4	3730814	0.052021205	0.000292379	0.0523136	409612.3937308:	409612.4	3730814	0.000447996	0.000378992
409652.393;	409652.4	3730814	0.043928609	0.0002170395	0.0441199	409652.3937308:	409652.4	3730814	0.000382058	0.000320035
409692.393;	409692.4	3730814	0.037497164	0.00024637	0.0377435	409692.3937308:	409692.4	3730814	0.000328609	0.000273179
409732.393;	409732.4	3730814	0.032340982	0.000220975	0.032562	409732.3937308:	409732.4	3730814	0.000284777	0.000235615
409772.393;	409772.4	3730814	0.028158705	0.000195205	0.0283539	409772.3937308:	409772.4	3730814	0.000248399	0.000205146
409251.243;	409251.2	3730920.44	0.931747379	0.000679241	0.9324266	409251.2437309:	409251.2	3730920.44	0.007295904	0.006788089
408826.883;	408826.9	3730822.43	0.051117128	8.32045E-05	0.0512003	408826.8837308:	408826.9	3730822.43	0.000407604	0.000372405
408846.883;	408846.9	3730822.43	0.05546846	8.86956E-05	0.0555572	408846.8837308:	408846.9	3730822.43	0.000442047	0.000404106
408886.883;	408886.9	3730822.43	0.065791849	0.000101186	0.065893	408886.8837308:	408886.9	3730822.43	0.000523676	0.000479315
408926.883;	408926.9	3730822.43	0.078654739	0.000115934	0.0787707	408926.8837308:	408926.9	3730822.43	0.000625255	0.000573026
408966.883;	408966.9	3730822.43	0.094612074	0.000133236	0.0947453	408966.8837308:	408966.9	3730822.43	0.000751112	0.00068928
408986.883;	408986.9	3730822.43	0.103899081	0.000142887	0.104042	408986.8837308:	408986.9	3730822.43	0.000824293	0.000756939
409006.883;	409006.9	3730822.43	0.114075465	0.000153209	0.1142287	409006.8837308:	409006.9	3730822.43	0.000904441	0.000831078
409026.883;	409026.9	3730822.43	0.12510815	0.000164161	0.1252723	409026.8837308:	409026.9	3730822.43	0.000991296	0.000911454
409046.883;	409046.9	3730822.43	0.136901584	0.000175715	0.1370773	409046.8837308:	409046.9	3730822.43	0.001084115	0.000997374
409066.883;	409066.9	3730822.43	0.149220558	0.000187772	0.1494083	409066.8837308:	409066.9	3730822.43	0.001181068	0.001087121
409086.883;	409086.9	3730822.43	0.161715937	0.000200253	0.1619162	409086.8837308:	409086.9	3730822.43	0.00127945	0.001178154
409106.883;	409106.9	3730822.43	0.173895257	0.000213039	0.1741083	409106.8837308:	409106.9	3730822.43	0.001375442	0.001266885
409126.883;	409126.9	3730822.43	0.185078622	0.000226052	0.1853047	409126.8837308:	409126.9	3730822.43	0.001463788	0.001348359
409175.153;	409175.2	3730824.08	0.207592356	0.000260251	0.2078526	409175.1537308:	409175.2	3730824.08	0.00164292	0.001512379
409226.653;	409226.7	3730820.18	0.203766565	0.000286799	0.2040534	409226.6537308:	409226.7	3730820.18	0.00161765	0.001484507
409275.963;	409276	3730820.53	0.197879036	0.000315793	0.1981948	409275.9637308:	409276	3730820.53	0.001576866	0.001441615
409321.973;	409322	3730821.65	0.187379242	0.00034034	0.1877196	409321.9737308:	409322	3730821.65	0.001499794	0.00136512
409412.393;	409412.4	3730834	0.15685009	0.000400367	0.1572505	409412.3937308:	409412.4	3730834	0.001273885	0.001142705
409432.393;	409432.4	3730834	0.142208445	0.000401698	0.1426101	409432.3937308:	409432.4	3730834	0.001161154	0.001036036
409472.393;	409472.4	3730834	0.115273552	0.000399096	0.1156726	409472.3937308:	409472.4	3730834	0.000952966	0.000839806
409492.393;	409492.4	3730834	0.10351687	0.000395182	0.1039121	409492.3937308:	409492.4	3730834	0.000861651	0.000754155
409512.393;	409512.4	3730834	0.093028101	0.000389701	0.0934178	409512.3937308:	409512.4	3730834	0.000779866	0.000677741
409552.393;	409552.4	3730834	0.075597046	0.000374105	0.0759712	409552.3937308:	409552.4	3730834	0.000642913	0.00055075
409572.393;	409572.4	3730834	0.068401178	0.000364069	0.0687652	409572.3937308:	409572.4	3730834	0.000585802	0.000498325
409592.393;	409592.4	3730834	0.062105712	0.000352811	0.0624585	409592.3937308:	409592.4	3730834	0.000535441	0.000452461
409612.393;	409612.4	3730834	0.056574669	0.000340547	0.0569152	409612.3937308:	409612.4	3730834	0.000490816	0.000412165
409652.393;	409652.4	3730834	0.04740159	0.0003132	0.0477148	409652.3937308:	409652.4	3730834	0.000415687	0.000345336
409692.393;	409692.4	3730834	0.040209396	0.000283231	0.0404926	409692.3937308:	409692.4	3730834	0.000355419	0.000292939
408826.883;	408826.9	3730842.43	0.051933003	8.49593E-05	0.052018	408826.8837308:	408826.9	3730842.43	0.000414178	0.000378349
408846.883;	408846.9	3730842.43	0.056534242	9.08152E-05	0.0566251	408846.8837308:	408846.9	3730842.43	0.000450607	0.000411871
408886.883;	408886.9	3730842.43	0.067611029	0.000104262	0.0677153	408886.8837308:	408886.9	3730842.43	0.0005382	0.000492569
408926.883;	408926.9	3730842.43	0.081712432	0.0001204	0.0818328	408926.8837308:	408926.9	3730842.43	0.000649555	0.000595302
408966.883;	408966.9	3730842.43	0.099731505	0.000139693	0.0998712	408966.8837308:	408966.9	3730842.43	0.000791634	0.000726577
408986.883;	408986.9	3730842.43	0.110495907	0.000150646	0.1106466	408986.8837308:	408986.9	3730842.43	0.000876419	0.000804999
409006.883;	409006.9	3730842.43	0.122539247	0.000162495	0.1227017	409006.8837308:	409006.9	3730842.43	0.000971213	0.000892739
409026.883;	409026.9	3730842.43	0.135938704	0.000175252	0.136114	409026.8837308:	409026.9	3730842.43	0.001076613	0.000990359
409046.883;	409046.9	3730842.43	0.150712653	0.000188876	0.1509015	409046.8837308:	409046.9	3730842.43	0.001192754	0.001097992
409066.883;	409066.9	3730842.43	0.166695714	0.000203299	0.166899	409066.8837308:	409066.9	3730842.43	0.00131835	0.001214434
409086.883;	409086.9	3730842.43	0.183586527	0.000218422	0.1838049	409086.8837308:	409086.9	3730842.43	0.00145106	0.001337489
409106.883;	409106.9	3730842.43	0.200863227	0.000234126	0.2010974	409106.8837308:	409106.9	3730842.43	0.001586839	0.001463355
409126.883;	409126.9	3730842.43	0.217698913	0.000250244	0.2179492	409126.8837308:	409126.9	3730842.43	0.001719282	0.001586009
409175.153;	409175.2	3730844.08	0.254824891	0.00029301	0.2551179	409175.1537308:	409175.2	3730844.08	0.0020125	0.001856484
409226.653;	409226.7	3730840.18	0.256519117	0.000327258	0.2568464	409226.6537308:	409226.7	3730840.18	0.002031041	0.001868827
409275.963;	409276	3730840.53	0.250587487	0.000364414	0.2509519	409275.9637308:	409276	3730840.53	0.001991221	0.001825613
409321.973;	409322	3730841.65	0.235023389	0.000395833	0.2354192	409321.9737308:	409322	3730841.65	0.001876181	0.001712224
409412.393;	409412.4	3730854	0.188228193	0.000472176	0.1887004	409412.3937308:	409412.4	3730854	0.001527404	0.001371305
409432.393;	409432.4	3730854	0.168081231	0.000474167	0.1685554	409432.3937308:	409432.4	3730854	0.001372311	0.001224528
409472.393;	409472.4	3730854	0.132653155	0.000471801	0.133125	409472.3937308:	409472.4	3730854	0.001098645	0.000966422
409492.393;	409492.4	3730854	0.117816729	0.000467473	0.1182842	409492.3937308:	409492.4	3730854	0.000983508	0.000858334
409512.393;	409512.4	3730854	0.104869311	0.000461144	0.1053305	409512.3937308:	409512.4	3730854	0.000882622	0.000764008
409552.393;	409552.4	3730854	0.083917499	0.00044263	0.0843601	409552.3937308:	409552.4	3730854	0.000718044	0.000611367

409572.393:	409572.4	3730854	0.075461067	0.000430475	0.0758915	409572.3937308:	409572.4	3730854	0.00065087	0.000549759
409592.393:	409592.4	3730854	0.06814392	0.000416663	0.0685606	409592.3937308:	409592.4	3730854	0.00059222	0.000496451
409612.393:	409612.4	3730854	0.061785977	0.000401442	0.0621874	409612.3937308:	409612.4	3730854	0.000540744	0.000450131
409652.393:	409652.4	3730854	0.051352335	0.000367125	0.0517195	409652.3937308:	409652.4	3730854	0.000454778	0.000374119
409692.393:	409692.4	3730854	0.043270764	0.000329269	0.0436	409692.3937308:	409692.4	3730854	0.000386389	0.000315242
409732.393:	409732.4	3730854	0.036912821	0.000289254	0.0372021	409732.3937308:	409732.4	3730854	0.000330952	0.000268922
409752.393:	409752.4	3730854	0.034233665	0.000269015	0.0345027	409752.3937308:	409752.4	3730854	0.000307052	0.000249404
409772.393:	409772.4	3730854	0.031833817	0.000249042	0.0320829	409772.3937308:	409772.4	3730854	0.000285349	0.00023192
408826.883:	408826.9	3730862.43	0.052476919	8.64972E-05	0.0525634	408826.8837308:	408826.9	3730862.43	0.000418619	0.000382312
408846.883:	408846.9	3730862.43	0.05728764	9.26981E-05	0.0573803	408846.8837308:	408846.9	3730862.43	0.000456719	0.000417359
408886.883:	408886.9	3730862.43	0.069014921	0.000107101	0.069122	408886.8837308:	408886.9	3730862.43	0.000549483	0.000502797
408926.883:	408926.9	3730862.43	0.08426296	0.000124659	0.0843876	408926.8837308:	408926.9	3730862.43	0.00066991	0.000613884
409226.653:	409226.7	3730860.18	0.330613043	0.000376727	0.3309898	409226.6537308:	409226.7	3730860.18	0.002610495	0.002408626
409275.963:	409276	3730860.53	0.326761526	0.000424846	0.3271864	409275.9637308:	409276	3730860.53	0.002588473	0.002380566
409321.973:	409322	3730861.65	0.302836549	0.000465354	0.3033019	409321.9737308:	409322	3730861.65	0.00241039	0.002206265
409432.393:	409432.4	3730874	0.200888952	0.000566215	0.2014552	409432.3937308:	409432.4	3730874	0.001640092	0.001463543
409472.393:	409472.4	3730874	0.153858549	0.000564351	0.1544229	409472.3937308:	409472.4	3730874	0.001277007	0.001120911
409492.393:	409492.4	3730874	0.135019926	0.00055958	0.1355795	409492.3937308:	409492.4	3730874	0.001130926	0.000983665
409512.393:	409512.4	3730874	0.118970714	0.000552373	0.1195231	409512.3937308:	409512.4	3730874	0.001005973	0.000866741
409552.393:	409552.4	3730874	0.093693296	0.000530527	0.0942238	409552.3937308:	409552.4	3730874	0.000807496	0.000682587
409572.393:	409572.4	3730874	0.083708018	0.000515829	0.0842238	409572.3937308:	409572.4	3730874	0.000728122	0.000609841
409592.393:	409592.4	3730874	0.075167058	0.000498892	0.075666	409592.3937308:	409592.4	3730874	0.000659532	0.000547617
409612.393:	409612.4	3730874	0.06781316	0.000479915	0.0682931	409612.3937308:	409612.4	3730874	0.000599774	0.000494041
409652.393:	409652.4	3730874	0.055880072	0.000436459	0.0563165	409652.3937308:	409652.4	3730874	0.000500781	0.000407105
409692.393:	409692.4	3730874	0.04675477	0.000387847	0.0471426	409692.3937308:	409692.4	3730874	0.000422623	0.000340624
409732.393:	409732.4	3730874	0.039643429	0.000336328	0.0399798	409732.3937308:	409732.4	3730874	0.000359536	0.000288816
408826.883:	408826.9	3730882.43	0.052723152	8.77788E-05	0.0528109	408826.8837308:	408826.9	3730882.43	0.000420724	0.000384106
408846.883:	408846.9	3730882.43	0.057684552	9.4305E-05	0.0577789	408846.8837308:	408846.9	3730882.43	0.000460038	0.000420251
408886.883:	408886.9	3730882.43	0.06994105	0.000109625	0.0700507	408886.8837308:	408886.9	3730882.43	0.000557031	0.000509544
408926.883:	408926.9	3730882.43	0.086166667	0.000128612	0.0862953	408926.8837308:	408926.9	3730882.43	0.000685226	0.000627753
408966.883:	408966.9	3730882.43	0.108044607	0.000152213	0.1081968	408966.8837308:	408966.9	3730882.43	0.000857761	0.000787141
408986.883:	408986.9	3730882.43	0.121796875	0.000166074	0.1219629	408986.8837308:	408986.9	3730882.43	0.000966059	0.000887331
409006.883:	409006.9	3730882.43	0.137835062	0.000181492	0.1380166	409006.8837308:	409006.9	3730882.43	0.001092238	0.001004174
409026.883:	409026.9	3730882.43	0.156636933	0.000198587	0.1568355	409026.8837308:	409026.9	3730882.43	0.001240005	0.001141152
409046.883:	409046.9	3730882.43	0.17841197	0.000217406	0.1786294	409046.8837308:	409046.9	3730882.43	0.001410981	0.00129979
409066.883:	409066.9	3730882.43	0.203806991	0.00023803	0.204045	409066.8837308:	409066.9	3730882.43	0.00161017	0.001484802
409086.883:	409086.9	3730882.43	0.233071905	0.000260408	0.2333323	409086.8837308:	409086.9	3730882.43	0.001839492	0.001698006
409106.883:	409106.9	3730882.43	0.265875951	0.000284374	0.2661603	409106.8837308:	409106.9	3730882.43	0.002096367	0.001936995
409126.883:	409126.9	3730882.43	0.301730341	0.00030972	0.3020401	409126.8837308:	409126.9	3730882.43	0.002376993	0.002198206
409175.153:	409175.2	3730884.08	0.39834535	0.000379014	0.3987244	409175.1537308:	409175.2	3730884.08	0.00313334	0.002902078
409226.653:	409226.7	3730880.18	0.438135784	0.000438263	0.438574	409226.6537308:	409226.7	3730880.18	0.003449744	0.003191965
409275.963:	409276	3730880.53	0.442060803	0.000501455	0.4425623	409275.9637308:	409276	3730880.53	0.003490117	0.00322056
409321.973:	409322	3730881.65	0.403813917	0.000554168	0.4043681	409321.9737308:	409322	3730881.65	0.003203506	0.002941919
409432.393:	409432.4	3730894	0.243340167	0.00068552	0.2440257	409432.3937308:	409432.4	3730894	0.001986616	0.001772814
409472.393:	409472.4	3730894	0.180172348	0.000684436	0.1808568	409472.3937308:	409472.4	3730894	0.001499173	0.001312615
409492.393:	409492.4	3730894	0.156096692	0.0006793	0.156776	409492.3937308:	409492.4	3730894	0.001312636	0.001137216
409512.393:	409512.4	3730894	0.136082034	0.000671186	0.1367532	409512.3937308:	409512.4	3730894	0.001156949	0.000991403
409552.393:	409552.4	3730894	0.105376476	0.000645614	0.1060221	409552.3937308:	409552.4	3730894	0.000916005	0.000767703
409572.393:	409572.4	3730894	0.093509541	0.000627967	0.0941375	409572.3937308:	409572.4	3730894	0.000821645	0.000681248
409592.393:	409592.4	3730894	0.08346546	0.000607206	0.0840727	409592.3937308:	409592.4	3730894	0.000740849	0.000608074
409612.393:	409612.4	3730894	0.074898775	0.000583477	0.0754823	409612.3937308:	409612.4	3730894	0.000670976	0.000545662
409652.393:	409652.4	3730894	0.061150183	0.000527875	0.0616781	409652.3937308:	409652.4	3730894	0.000556038	0.000445499
409672.393:	409672.4	3730894	0.055608114	0.000496831	0.0561049	409672.3937308:	409672.4	3730894	0.000508328	0.000405124
409692.393:	409692.4	3730894	0.050767992	0.000464348	0.0512323	409692.3937308:	409692.4	3730894	0.000465802	0.000369862
409732.393:	409732.4	3730894	0.042759924	0.000396542	0.0431565	409732.3937308:	409732.4	3730894	0.000393196	0.000311152
408826.883:	408826.9	3730902.43	0.052649649	8.87745E-05	0.0527384	408826.8837309:	408826.9	3730902.43	0.000420316	0.00038357
408846.883:	408846.9	3730902.43	0.057706603	9.55866E-05	0.0578022	408846.8837309:	408846.9	3730902.43	0.000460413	0.000420412
408886.883:	408886.9	3730902.43	0.070308561	0.000111754	0.0704203	408886.8837309:	408886.9	3730902.43	0.000560206	0.000512221
408926.883:	408926.9	3730902.43	0.087250825	0.000132102	0.0873829	408926.8837309:	408926.9	3730902.43	0.000694147	0.000635651
408966.883:	408966.9	3730902.43	0.110657611	0.000157931	0.1108155	408966.8837309:	408966.9	3730902.43	0.000878831	0.000806177
408986.883:	408986.9	3730902.43	0.125707194	0.000173379	0.1258806	408986.8837309:	408986.9	3730902.43	0.000997389	0.000915819
409006.883:	409006.9	3730902.43	0.143616013	0.000190808	0.1438068	409006.8837309:	409006.9	3730902.43	0.00113832	0.00104629
409026.883:	409026.9	3730902.43	0.165049264	0.000210436	0.1652597	409026.8837309:	409026.9	3730902.43	0.00130679	0.001202439
409046.883:	409046.9	3730902.43	0.190558214	0.00023244	0.1907907	409046.8837309:	409046.9	3730902.43	0.001507078	0.00138828
409066.883:	409066.9	3730902.43	0.221407101	0.000257027	0.2216641	409066.8837309:	409066.9	3730902.43	0.001748971	0.001613024

409086.883;	409086.9	3730902.43	0.258566154	0.000284266	0.2588504	409086.8837309!	409086.9	3730902.43	0.002039963	0.00188374
409175.153;	409175.2	3730904.08	0.506544312	0.00043641	0.5069807	409175.1537309!	409175.2	3730904.08	0.003977143	0.003690344
409226.653;	409226.7	3730900.18	0.600605119	0.000516499	0.6011216	409226.6537309!	409226.7	3730900.18	0.004715512	0.004375608
409275.963;	409276	3730900.53	0.627139425	0.000601034	0.6277405	409275.9637309!	409276	3730900.53	0.0049337	0.004568919
409321.973;	409322	3730901.65	0.563284361	0.000670457	0.5639548	409321.9737309!	409322	3730901.65	0.004452221	0.004103714
409412.393;	409412.4	3730914	0.358088178	0.000838187	0.3589264	409412.3937309!	409412.4	3730914	0.002896158	0.002608791
409432.393;	409432.4	3730914	0.299672278	0.000843786	0.3005161	409432.3937309!	409432.4	3730914	0.002446439	0.002183212
409472.393;	409472.4	3730914	0.213707742	0.000844033	0.2145518	409472.3937309!	409472.4	3730914	0.001783358	0.001556932
409492.393;	409492.4	3730914	0.182634673	0.000838729	0.1834734	409492.3937309!	409492.4	3730914	0.001542817	0.001330554
409512.393;	409512.4	3730914	0.157382981	0.000829748	0.1582127	409512.3937309!	409512.4	3730914	0.001346594	0.001146587
409552.393;	409552.4	3730914	0.119654285	0.000800143	0.1204544	409552.3937309!	409552.4	3730914	0.001050829	0.000871721
409572.393;	409572.4	3730914	0.105402202	0.000779135	0.1061813	409572.3937309!	409572.4	3730914	0.000937534	0.00076789
409592.393;	409592.4	3730914	0.093454414	0.00075379	0.0942082	409592.3937309!	409592.4	3730914	0.000841321	0.000680846
409612.393;	409612.4	3730914	0.083358882	0.000724106	0.084083	409612.3937309!	409612.4	3730914	0.000758703	0.000607297
409652.393;	409652.4	3730914	0.067350096	0.000652298	0.0680024	409652.3937309!	409652.4	3730914	0.000623741	0.000490668
409692.393;	409692.4	3730914	0.055428034	0.000567496	0.0559955	409692.3937309!	409692.4	3730914	0.000518228	0.000403812
409732.393;	409732.4	3730914	0.046335808	0.000475735	0.0468115	409732.3937309!	409732.4	3730914	0.000433432	0.000337572
408826.883;	408826.9	3730922.43	0.052260087	8.94547E-05	0.0523495	408826.8837309!	408826.9	3730922.43	0.000417419	0.000380732
408846.883;	408846.9	3730922.43	0.057342767	9.65133E-05	0.0574393	408846.8837309!	408846.9	3730922.43	0.000457754	0.000417761
408886.883;	408886.9	3730922.43	0.070084379	0.000113401	0.0701978	408886.8837309!	408886.9	3730922.43	0.000558739	0.000510588
408926.883;	408926.9	3730922.43	0.087441931	0.000135	0.0875769	408926.8837309!	408926.9	3730922.43	0.000696084	0.000637044
408966.883;	408966.9	3730922.43	0.111785871	0.000162968	0.1119488	408966.8837309!	408966.9	3730922.43	0.000888339	0.000814397
408986.883;	408986.9	3730922.43	0.127776281	0.000180033	0.1279563	408986.8837309!	408986.9	3730922.43	0.001014413	0.000930893
409006.883;	409006.9	3730922.43	0.147210272	0.000199573	0.1474098	409006.8837309!	409006.9	3730922.43	0.001167446	0.001072476
409026.883;	409026.9	3730922.43	0.170929442	0.000221951	0.1711514	409026.8837309!	409026.9	3730922.43	0.001353988	0.001245278
409046.883;	409046.9	3730922.43	0.199870946	0.000247514	0.2001185	409046.8837309!	409046.9	3730922.43	0.001581323	0.001456126
409066.883;	409066.9	3730922.43	0.235945842	0.000276694	0.2362225	409066.8837309!	409066.9	3730922.43	0.001864263	0.001718944
409086.883;	409086.9	3730922.43	0.281201167	0.000309809	0.281511	409086.8837309!	409086.9	3730922.43	0.002218647	0.002048644
409175.153;	409175.2	3730924.08	0.648223541	0.000507567	0.6487311	409175.1537309!	409175.2	3730924.08	0.005081408	0.004722524
409226.653;	409226.7	3730920.18	0.858520779	0.00061873	0.8591395	409226.6537309!	409226.7	3730920.18	0.006721375	0.006254609
409275.963;	409276	3730920.53	0.947010117	0.000734576	0.9477447	409275.9637309!	409276	3730920.53	0.007422479	0.006899283
409321.973;	409322	3730921.65	0.836411308	0.000827362	0.8372387	409321.9737309!	409322	3730921.65	0.006584157	0.006093534
409341.973;	409342	3730921.65	0.737282521	0.000854857	0.7381374	409341.9737309!	409342	3730921.65	0.005823881	0.005371348
409732.393;	409732.4	3730934	0.050485009	0.000583506	0.0510685	409732.3937309!	409732.4	3730934	0.000482656	0.0003678
408826.883;	408826.9	3730942.43	0.051547116	8.97899E-05	0.0516369	408826.8837309!	408826.9	3730942.43	0.000411973	0.000375538
408846.883;	408846.9	3730942.43	0.056585694	9.70358E-05	0.0566827	408846.8837309!	408846.9	3730942.43	0.000451998	0.000412246
408886.883;	408886.9	3730942.43	0.069272179	0.000114515	0.0693867	408886.8837309!	408886.9	3730942.43	0.000552652	0.000504671
408926.883;	408926.9	3730942.43	0.086692208	0.000137179	0.0868294	408926.8837309!	408926.9	3730942.43	0.000690649	0.000631582
408966.883;	408966.9	3730942.43	0.111411009	0.000167099	0.1115781	408966.8837309!	408966.9	3730942.43	0.000886107	0.000811666
408986.883;	408986.9	3730942.43	0.127901235	0.000185702	0.1280869	408986.8837309!	408986.9	3730942.43	0.001016283	0.000931803
409006.883;	409006.9	3730942.43	0.14830178	0.00020737	0.1485092	409006.8837309!	409006.9	3730942.43	0.001177112	0.001080428
409026.883;	409026.9	3730942.43	0.173498345	0.000232598	0.1737309	409026.8837309!	409026.9	3730942.43	0.001375505	0.001263993
409046.883;	409046.9	3730942.43	0.204938925	0.000262015	0.2052009	409046.8837309!	409046.9	3730942.43	0.001622734	0.001493048
409066.883;	409066.9	3730942.43	0.245221824	0.000296382	0.2455182	409066.8837309!	409066.9	3730942.43	0.001938962	0.001786522
409086.883;	409086.9	3730942.43	0.297790621	0.000336476	0.2981271	409086.8837309!	409086.9	3730942.43	0.002350877	0.002169504
409175.153;	409175.2	3730944.08	0.824448819	0.000597357	0.8250462	409175.1537309!	409175.2	3730944.08	0.006455134	0.006006384
409412.393;	409412.4	3730954	0.629818582	0.001358974	0.6311776	409412.3937309!	409412.4	3730954	0.005075455	0.004588438
409432.393;	409432.4	3730954	0.492766319	0.001369227	0.4941355	409432.3937309!	409432.4	3730954	0.004019888	0.003589966
409452.393;	409452.4	3730954	0.393299422	0.001374521	0.3946739	409452.3937309!	409452.4	3730954	0.003253458	0.002865317
409472.393;	409472.4	3730954	0.319613434	0.001374817	0.3209883	409472.3937309!	409472.4	3730954	0.0026851	0.00232849
409516.953;	409517	3730961.6	0.228327336	0.001512459	0.2298398	409516.9537309!	409517	3730961.6	0.00200292	0.001663441
409536.953;	409537	3730961.6	0.192829433	0.001495463	0.1943249	409536.9537309!	409537	3730961.6	0.001726378	0.001404827
409556.953;	409557	3730961.6	0.164692778	0.001471428	0.1661642	409556.9537309!	409557	3730961.6	0.001505495	0.001199842
409576.953;	409577	3730961.6	0.14205409	0.001439458	0.1434935	409576.9537309!	409577	3730961.6	0.001325755	0.001034911
409596.953;	409597	3730961.6	0.12361973	0.001398122	0.1250179	409596.9537309!	409597	3730961.6	0.001176951	0.000900611
409616.953;	409617	3730961.6	0.108423144	0.00134606	0.1097692	409616.9537309!	409617	3730961.6	0.001051409	0.000789899
409636.953;	409637	3730961.6	0.095769734	0.001281813	0.0970515	409636.9537309!	409637	3730961.6	0.000943538	0.000697714
409656.953;	409657	3730961.6	0.085141311	0.001204306	0.0863456	409656.9537309!	409657	3730961.6	0.000849169	0.000620283
409676.953;	409677	3730961.6	0.076129938	0.001113639	0.0772436	409676.9537309!	409677	3730961.6	0.000765172	0.000554632
409696.953;	409697	3730961.6	0.068437929	0.001011388	0.0694493	409696.9537309!	409697	3730961.6	0.000689501	0.000498593
409716.953;	409717	3730961.6	0.061826403	0.000901054	0.0627275	409716.9537309!	409717	3730961.6	0.000620873	0.000450426
409732.393;	409732.4	3730954	0.05530308	0.00073704	0.0560401	409732.3937309!	409732.4	3730954	0.000544351	0.000402901
408826.883;	408826.9	3730962.43	0.050540135	8.97899E-05	0.0506299	408826.8837309!	408826.9	3730962.43	0.000404205	0.000368202
408846.883;	408846.9	3730962.43	0.055472135	9.71541E-05	0.0555693	408846.8837309!	408846.9	3730962.43	0.000443427	0.000404133
408886.883;	408886.9	3730962.43	0.067908713	0.000115047	0.0680238	408886.8837309!	408886.9	3730962.43	0.00054222	0.000494738

408926.883:	408926.9	3730962.43	0.085064134	0.00013853	0.0852027	408926.8837309:	408926.9	3730962.43	0.000678306	0.00061972
408966.883:	408966.9	3730962.43	0.109683707	0.000170116	0.1098538	408966.8837309:	408966.9	3730962.43	0.000873265	0.000799082
408986.883:	408986.9	3730962.43	0.126203334	0.000190089	0.1263934	408986.8837309:	408986.9	3730962.43	0.001003886	0.000919433
409006.883:	409006.9	3730962.43	0.146703106	0.00021368	0.1469168	409006.8837309:	409006.9	3730962.43	0.001165788	0.001068781
409026.883:	409026.9	3730962.43	0.172388462	0.000241678	0.1726301	409026.8837309:	409026.9	3730962.43	0.001368394	0.001255907
409046.883:	409046.9	3730962.43	0.204942601	0.000275028	0.2052176	409046.8837309:	409046.9	3730962.43	0.001624841	0.001493075
409066.883:	409066.9	3730962.43	0.247603296	0.000315043	0.2479183	409066.8837309:	409066.9	3730962.43	0.001960314	0.001803872
409086.883:	409086.9	3730962.43	0.304795384	0.000363132	0.3051585	409086.8837309:	409086.9	3730962.43	0.002409169	0.002220536
409195.153:	409195.2	3730964.08	1.4180308	0.000821536	1.4188523	409195.1537309:	409195.2	3730964.08	0.011069769	0.010330826
409215.153:	409215.2	3730964.08	1.984527209	0.000935863	1.9854631	409215.1537309:	409215.2	3730964.08	0.01545792	0.01445794
409235.153:	409235.2	3730964.08	2.595007353	0.00105023	2.5960576	409235.1537309:	409235.2	3730964.08	0.020185363	0.018905491
409255.153:	409255.2	3730964.08	3.06385972	0.001158219	3.0650179	409255.1537309:	409255.2	3730964.08	0.023819287	0.022321236
409275.153:	409275.2	3730964.08	3.28195187	0.00125419	3.2832061	409275.1537309:	409275.2	3730964.08	0.025516956	0.02391011
409295.153:	409295.2	3730964.08	3.254833221	0.001335275	3.2561685	409295.1537309:	409295.2	3730964.08	0.02532072	0.023712542
409315.153:	409315.2	3730964.08	2.983275547	0.001401385	2.9846769	409315.1537309:	409315.2	3730964.08	0.023236518	0.021734154
409335.153:	409335.2	3730964.08	2.480046186	0.001454078	2.4815003	409335.1537309:	409335.2	3730964.08	0.019363085	0.018067961
409472.393:	409472.4	3730974	0.407062715	0.001844961	0.4089077	409472.3937309:	409472.4	3730974	0.003434784	0.002965587
408826.883:	408826.9	3730982.43	0.049261196	8.9435E-05	0.0493506	408826.8837309:	408826.9	3730982.43	0.000394283	0.000358884
408846.883:	408846.9	3730982.43	0.054053542	9.68583E-05	0.0541504	408846.8837309:	408846.9	3730982.43	0.000432437	0.000393798
408886.883:	408886.9	3730982.43	0.066082182	0.000114968	0.0661972	408886.8837309:	408886.9	3730982.43	0.000528117	0.000481431
408926.883:	408926.9	3730982.43	0.082704712	0.000138983	0.0828437	408926.8837309:	408926.9	3730982.43	0.000660178	0.000602531
408966.883:	408966.9	3730982.43	0.106574562	0.000171752	0.1067463	408966.8837309:	408966.9	3730982.43	0.000849543	0.000776431
408986.883:	408986.9	3730982.43	0.12226201	0.00019278	0.1228129	408986.8837309:	408986.9	3730982.43	0.000976675	0.000893328
409006.883:	409006.9	3730982.43	0.142568606	0.000217958	0.1427866	409006.8837309:	409006.9	3730982.43	0.001134578	0.00103866
409026.883:	409026.9	3730982.43	0.167794572	0.000248391	0.168043	409026.8837309:	409026.9	3730982.43	0.00133403	0.001222439
409046.883:	409046.9	3730982.43	0.199999575	0.000285419	0.200285	409046.8837309:	409046.9	3730982.43	0.001588371	0.001457063
409066.883:	409066.9	3730982.43	0.242641896	0.000331034	0.2429729	409066.8837309:	409066.9	3730982.43	0.001924597	0.001767727
409086.883:	409086.9	3730982.43	0.30088139	0.000387729	0.3012691	409086.8837309:	409086.9	3730982.43	0.002382907	0.002192021
409412.393:	409412.4	3730994	1.355101864	0.002571749	1.3576736	409412.3937309:	409412.4	3730994	0.010863956	0.009872367
409432.393:	409432.4	3730994	0.94364739	0.002591308	0.9462387	409432.3937309:	409432.4	3730994	0.00769317	0.006874785
409452.393:	409452.4	3730994	0.692339581	0.002603542	0.6949431	409452.3937309:	409452.4	3730994	0.005756566	0.005043924
409472.393:	409472.4	3730994	0.527643128	0.002608678	0.5302518	409472.3937309:	409472.4	3730994	0.004486937	0.003844056
408826.883:	408826.9	3731002.43	0.047780126	8.8735E-05	0.0478689	408826.8837310:	408826.9	3731002.43	0.000382746	0.000348094
408846.883:	408846.9	3731002.43	0.052374016	9.61485E-05	0.0524702	408846.8837310:	408846.9	3731002.43	0.000419368	0.000381562
408886.883:	408886.9	3731002.43	0.063877115	0.000114298	0.0639914	408886.8837310:	408886.9	3731002.43	0.000511001	0.000465366
408926.883:	408926.9	3731002.43	0.079705821	0.00013851	0.0798443	408926.8837310:	408926.9	3731002.43	0.00063697	0.000580683
408966.883:	408966.9	3731002.43	0.102418011	0.00017191	0.1025899	408966.8837310:	408966.9	3731002.43	0.000817505	0.000746149
408986.883:	408986.9	3731002.43	0.117629298	0.000193579	0.1178229	408986.8837310:	408986.9	3731002.43	0.000938304	0.000856969
409006.883:	409006.9	3731002.43	0.136541423	0.000219822	0.1367612	409006.8837310:	409006.9	3731002.43	0.001088383	0.00099475
409026.883:	409026.9	3731002.43	0.1604811	0.000252009	0.1607331	409026.8837310:	409026.9	3731002.43	0.001278193	0.001169158
409046.883:	409046.9	3731002.43	0.191201358	0.000291955	0.1914933	409046.8837310:	409046.9	3731002.43	0.001521547	0.001392965
409066.883:	409066.9	3731002.43	0.231914245	0.0003424	0.2322566	409066.8837310:	409066.9	3731002.43	0.001843661	0.001689572
409086.883:	409086.9	3731002.43	0.287933972	0.000407258	0.2883412	409086.8837310:	409086.9	3731002.43	0.002286152	0.002097695
409086.883:	409086.9	3731022.43	0.270484541	0.00041826	0.2709028	409086.8837310:	409086.9	3731022.43	0.002153307	0.00197057
408818.973:	408819	3731039.27	0.043355292	8.40326E-05	0.0434393	408818.9737310:	408819	3731039.27	0.000347863	0.000315858
408838.973:	408839	3731039.27	0.047335438	9.09236E-05	0.0474264	408838.9737310:	408839	3731039.27	0.000379666	0.000344854
408858.973:	408859	3731039.27	0.051903602	9.87709E-05	0.0520024	408858.9737310:	408859	3731039.27	0.000416158	0.000378135
408878.973:	408879	3731039.27	0.057192087	0.000107752	0.0572998	408878.9737310:	408879	3731039.27	0.000458387	0.000416663
408898.973:	408899	3731039.27	0.063351574	0.000118123	0.0634697	408898.9737310:	408899	3731039.27	0.000507558	0.000461537
408918.973:	408919	3731039.27	0.07060992	0.000130189	0.0707401	408918.9737310:	408919	3731039.27	0.000565476	0.000514417
408938.973:	408939	3731039.27	0.079239082	0.000144356	0.0793834	408938.9737310:	408939	3731039.27	0.000634303	0.000577283
408958.973:	408959	3731039.27	0.089591872	0.000161135	0.089753	408958.9737310:	408959	3731039.27	0.000716844	0.000652707
408978.973:	408979	3731039.27	0.102098276	0.000181295	0.1022796	408978.9737310:	408979	3731039.27	0.000816538	0.00074382
408998.973:	408999	3731039.27	0.117423492	0.000205783	0.1176293	408998.9737310:	408999	3731039.27	0.000938667	0.000855469
409018.973:	409019	3731039.27	0.136611125	0.000236048	0.1368473	409018.9737310:	409019	3731039.27	0.001091514	0.000995258
409038.973:	409039	3731039.27	0.161054417	0.000274121	0.1613285	409038.9737310:	409039	3731039.27	0.001286148	0.001173335
409058.973:	409059	3731039.27	0.19290661	0.000323117	0.1932297	409058.9737310:	409059	3731039.27	0.00153968	0.001405389
409076.637:	409076.6	3731038.48	0.230407449	0.00037933	0.2307868	409076.6373103:	409076.6	3731038.48	0.001837937	0.001678595
408952.393:	408952.4	3731094	0.077949118	0.000145775	0.0780949	408952.3937310:	408952.4	3731094	0.000624579	0.000567885
408972.393:	408972.4	3731094	0.088592241	0.000163185	0.0887554	408972.3937310:	408972.4	3731094	0.00070946	0.000645424
409012.393:	409012.4	3731094	0.117971084	0.000209953	0.118181	409012.3937310:	409012.4	3731094	0.000943557	0.000859459
409032.393:	409032.4	3731094	0.138617861	0.000242092	0.13886	409032.3937310:	409032.4	3731094	0.001107958	0.001009877
409052.393:	409052.4	3731094	0.165233019	0.000283053	0.1655161	409052.3937310:	409052.4	3731094	0.001319808	0.001203777
409072.393:	409072.4	3731094	0.200179656	0.000336673	0.2005163	409072.3937310:	409072.4	3731094	0.001597949	0.001458375
409333.043:	409333	3731097.23	8.571201941	0.01498185	8.5861838	409333.0437310:	409333	3731097.23	0.068510727	0.062444055

408952.393:	408952.4	3731114	0.076567276	0.000142	0.0767093	408952.3937311:	408952.4	3731114	0.000613317	0.000557818
408972.393:	408972.4	3731114	0.087169973	0.000158789	0.0873288	408972.3937311:	408972.4	3731114	0.000697787	0.000635062
409012.393:	409012.4	3731114	0.11635771	0.000203772	0.1165615	409012.3937311:	409012.4	3731114	0.000930124	0.000847705
409032.393:	409032.4	3731114	0.136695777	0.000234609	0.1369304	409032.3937311:	409032.4	3731114	0.001091936	0.000995874
409052.393:	409052.4	3731114	0.162583264	0.000273836	0.1628571	409052.3937311:	409052.4	3731114	0.001297896	0.001184473
409072.393:	409072.4	3731114	0.195909176	0.000325202	0.1962342	409072.3937311:	409072.4	3731114	0.001563145	0.001427263
409112.493:	409112.5	3731137.53	0.272149367	0.00046703	0.2726164	409112.4937311:	409112.5	3731137.53	0.00217394	0.001982699
409172.393:	409172.4	3731114	0.604636717	0.001206633	0.6058433	409172.3937311:	409172.4	3731114	0.004856867	0.004404979
409192.393:	409192.4	3731114	0.795062626	0.001811236	0.7968739	409192.3937311:	409192.4	3731114	0.006422381	0.005792295
409212.393:	409212.4	3731114	1.128038766	0.002872202	1.130911	409212.3937311:	409212.4	3731114	0.009160419	0.008218137
409232.393:	409232.4	3731114	1.858955994	0.004990743	1.8639467	409232.3937311:	409232.4	3731114	0.015137084	0.013543112
409252.393:	409252.4	3731114	3.138350558	0.007443541	3.1457941	409252.3937311:	409252.4	3731114	0.02539804	0.022863927
409272.393:	409272.4	3731114	4.520479193	0.008835807	4.529315	409272.3937311:	409272.4	3731114	0.036282044	0.032933193
409292.393:	409292.4	3731114	5.59988811	0.009532575	5.6095207	409292.3937311:	409292.4	3731114	0.044720563	0.040797775
409333.043:	409333	3731117.23	6.098667683	0.00956567	6.1082334	409333.0437311:	409333	3731117.23	0.048572605	0.044430821
409472.393:	409472.4	3731114	1.200537693	0.010651647	1.2111893	409472.3937311:	409472.4	3731114	0.010962506	0.008746316
409492.393:	409492.4	3731114	0.951196069	0.010675346	0.9618714	409492.3937311:	409492.4	3731114	0.009042901	0.006929779
409532.393:	409532.4	3731114	0.620424997	0.010654338	0.6310793	409532.3937311:	409532.4	3731114	0.006488016	0.004520002
409572.393:	409572.4	3731114	0.421561031	0.010546764	0.4321078	409572.3937311:	409572.4	3731114	0.004936817	0.003071212
409592.393:	409592.4	3731114	0.352226375	0.010468626	0.362695	409592.3937311:	409592.4	3731114	0.004389494	0.002566086
409612.393:	409612.4	3731114	0.296790991	0.010383608	0.3071746	409612.3937311:	409612.4	3731114	0.00394829	0.002162221
409632.393:	409632.4	3731114	0.252097958	0.010263149	0.2623611	409632.3937311:	409632.4	3731114	0.003584289	0.001836617
409652.393:	409652.4	3731114	0.21577683	0.010093417	0.2258702	409652.3937311:	409652.4	3731114	0.003276996	0.001572006
409672.393:	409672.4	3731114	0.186026801	0.009823979	0.1958508	409672.3937311:	409672.4	3731114	0.003004462	0.001355267
409692.393:	409692.4	3731114	0.16148073	0.0093374	0.1708181	409692.3937311:	409692.4	3731114	0.002737381	0.001176441
408952.393:	408952.4	3731134	0.075832254	0.000138569	0.0759708	408952.3937311:	408952.4	3731134	0.000607099	0.000552463
408972.393:	408972.4	3731134	0.086409225	0.000154855	0.0865641	408972.3937311:	408972.4	3731134	0.00069129	0.00062952
409012.393:	409012.4	3731134	0.115166973	0.000198468	0.1153654	409012.3937311:	409012.4	3731134	0.000920092	0.00083903
409032.393:	409032.4	3731134	0.13479942	0.00022831	0.1350277	409032.3937311:	409032.4	3731134	0.001076301	0.000982059
409052.393:	409052.4	3731134	0.159238912	0.000266166	0.1595051	409052.3937311:	409052.4	3731134	0.001270873	0.001160108
409072.393:	409072.4	3731134	0.189782765	0.00031529	0.1900981	409072.3937311:	409072.4	3731134	0.001514332	0.001382631
409333.043:	409333	3731137.23	4.490795316	0.006688371	4.4974837	409333.0437311:	409333	3731137.23	0.035709993	0.032716936
409472.393:	409472.4	3731134	1.189350654	0.007649068	1.1969997	409472.3937311:	409472.4	3731134	0.010396521	0.008664815
409492.393:	409492.4	3731134	0.958296385	0.007657832	0.9659542	409492.3937311:	409492.4	3731134	0.008615596	0.006981508
409532.393:	409532.4	3731134	0.643306242	0.007643626	0.6509499	409532.3937311:	409532.4	3731134	0.006183529	0.0046867
409552.393:	409552.4	3731134	0.533905518	0.00762037	0.5415259	409552.3937311:	409552.4	3731134	0.00533591	0.003889679
409572.393:	409572.4	3731134	0.44637906	0.007576461	0.4539555	409572.3937311:	409572.4	3731134	0.004653726	0.00325202
409612.393:	409612.4	3731134	0.318591753	0.007419772	0.3260115	409612.3937311:	409612.4	3731134	0.003642958	0.002321047
409632.393:	409632.4	3731134	0.271803907	0.007316683	0.2791206	409632.3937311:	409632.4	3731134	0.003265572	0.001980182
409652.393:	409652.4	3731134	0.233384289	0.007166462	0.2405508	409652.3937311:	409652.4	3731134	0.002945209	0.001700282
409672.393:	409672.4	3731134	0.201631325	0.006953738	0.2085851	409672.3937311:	409672.4	3731134	0.002666285	0.001468951
409692.393:	409692.4	3731134	0.175232998	0.006651461	0.1818845	409692.3937311:	409692.4	3731134	0.00241436	0.001276631
409712.393:	409712.4	3731134	0.153174978	0.006211335	0.1593863	409712.3937311:	409712.4	3731134	0.002173893	0.001115931
409732.393:	409732.4	3731134	0.13464139	0.005443941	0.1400853	409732.3937311:	409732.4	3731134	0.001908329	0.000980907
408952.393:	408952.4	3731154	0.075416966	0.0001357	0.0755527	408952.3937311:	408952.4	3731154	0.000603437	0.000549438
408972.393:	408972.4	3731154	0.085835907	0.000151631	0.0859875	408972.3937311:	408972.4	3731154	0.000686353	0.000625343
409012.393:	409012.4	3731154	0.113520523	0.00019421	0.1137147	409012.3937311:	409012.4	3731154	0.000906711	0.000827035
409032.393:	409032.4	3731154	0.13183728	0.000223213	0.1320605	409032.3937311:	409032.4	3731154	0.001052637	0.000960478
409052.393:	409052.4	3731154	0.153994528	0.000259748	0.1542543	409052.3937311:	409052.4	3731154	0.001229393	0.001121901
409072.393:	409072.4	3731154	0.180749341	0.000306516	0.1810559	409072.3937311:	409072.4	3731154	0.001443248	0.001316819
409092.393:	409092.4	3731154	0.212965369	0.000367391	0.2133328	409092.3937311:	409092.4	3731154	0.001701484	0.001551523
409112.393:	409112.4	3731154	0.251642244	0.000447727	0.25209	409112.3937311:	409112.4	3731154	0.002012667	0.001833297
409172.393:	409172.4	3731154	0.42481718	0.000890407	0.4257076	409172.3937311:	409172.4	3731154	0.00341924	0.003094934
409192.393:	409192.4	3731154	0.52491987	0.001150076	0.5260699	409192.3937311:	409192.4	3731154	0.004232905	0.003824216
409212.393:	409212.4	3731154	0.697425936	0.001538041	0.698964	409212.3937311:	409212.4	3731154	0.005625578	0.00508098
409232.393:	409232.4	3731154	1.014874729	0.002181851	1.0170566	409232.3937311:	409232.4	3731154	0.008177195	0.0073937
409252.393:	409252.4	3731154	1.525785073	0.003061147	1.5288462	409252.3937311:	409252.4	3731154	0.012258772	0.011115851
409272.393:	409272.4	3731154	2.16102812	0.003895627	2.1649237	409272.3937311:	409272.4	3731154	0.017292278	0.015743808
409292.393:	409292.4	3731154	2.788112419	0.004499461	2.7926119	409292.3937311:	409292.4	3731154	0.022226	0.020312326
409333.043:	409333	3731157.23	3.390694748	0.004933456	3.3956282	409333.0437311:	409333	3731157.23	0.026943583	0.024702338
409432.393:	409432.4	3731154	1.793351576	0.005715036	1.7990666	409432.3937311:	409432.4	3731154	0.014746732	0.013065162
409452.393:	409452.4	3731154	1.43169854	0.005771327	1.4374699	409452.3937311:	409452.4	3731154	0.011965977	0.0104304
409472.393:	409472.4	3731154	1.155984315	0.00580106	1.1617854	409472.3937311:	409472.4	3731154	0.0098439	0.00842173
409492.393:	409492.4	3731154	0.945356317	0.005817671	0.951174	409492.3937311:	409492.4	3731154	0.008221794	0.006887235
409532.393:	409532.4	3731154	0.651883952	0.005818292	0.6577022	409532.3937311:	409532.4	3731154	0.005958083	0.004749191

409552.393:	409552.4	3731154	0.547485056	0.005802302	0.5532874	409552.39373111:	409552.4	3731154	0.005150207	0.003988611
409612.393:	409612.4	3731154	0.335596494	0.005657808	0.3412543	409612.39373111:	409612.4	3731154	0.00349264	0.002444932
409632.393:	409632.4	3731154	0.28805525	0.005572386	0.2936276	409632.39373111:	409632.4	3731154	0.003112265	0.002098578
409652.393:	409652.4	3731154	0.248525749	0.005455071	0.2539808	409652.39373111:	409652.4	3731154	0.002788597	0.001810593
409672.393:	409672.4	3731154	0.215523247	0.005295543	0.2208188	409672.39373111:	409672.4	3731154	0.002508534	0.001570158
409712.393:	409712.4	3731154	0.164520048	0.004789435	0.1693095	409712.39373111:	409712.4	3731154	0.002034246	0.001198583
409732.393:	409732.4	3731154	0.144803074	0.004317486	0.1491206	409732.39373111:	409732.4	3731154	0.001806753	0.001054939
408952.393:	408952.4	3731174	0.074928176	0.000133423	0.0750616	408952.39373111:	408952.4	3731174	0.000599303	0.000545877
408972.393:	408972.4	3731174	0.084953881	0.000149088	0.085103	408972.39373111:	408972.4	3731174	0.000679142	0.000618917
409172.393:	409172.4	3731174	0.357489134	0.000761252	0.3582504	409172.39373111:	409172.4	3731174	0.002879246	0.002604427
409292.393:	409292.4	3731174	2.06358621	0.003298083	2.0668843	409292.39373111:	409292.4	3731174	0.016445159	0.015033911
409333.043:	409333	3731177.23	2.612890446	0.003772684	2.6166631	409333.04373111:	409333	3731177.23	0.020758249	0.019035775
409432.393:	409432.4	3731174	1.652499248	0.004490402	1.6569896	409432.39373111:	409432.4	3731174	0.013464567	0.012039006
409452.393:	409452.4	3731174	1.350735831	0.004539733	1.3552756	409452.39373111:	409452.4	3731174	0.011144681	0.009840559
409472.393:	409472.4	3731174	1.108862034	0.004576692	1.1134387	409472.39373111:	409472.4	3731174	0.0092848	0.008078428
409492.393:	409492.4	3731174	0.918987391	0.004598084	0.9235855	409492.39373111:	409492.4	3731174	0.007823547	0.006695129
409532.393:	409532.4	3731174	0.648907112	0.004609875	0.653517	409532.39373111:	409532.4	3731174	0.005742064	0.004727504
409552.393:	409552.4	3731174	0.551116066	0.004599583	0.5557156	409552.39373111:	409552.4	3731174	0.004986071	0.004015064
409572.393:	409572.4	3731174	0.470517193	0.004576938	0.4750941	409572.39373111:	409572.4	3731174	0.004360723	0.003427874
409612.393:	409612.4	3731174	0.347452404	0.004491368	0.3519438	409612.39373111:	409612.4	3731174	0.003397745	0.002531306
409632.393:	409632.4	3731174	0.30038525	0.004423168	0.3048084	409632.39373111:	409632.4	3731174	0.003023779	0.002188406
409652.393:	409652.4	3731174	0.260730795	0.004333269	0.2650641	409652.39373111:	409652.4	3731174	0.002703527	0.00189951
409672.393:	409672.4	3731174	0.227232153	0.004216556	0.2314487	409672.39373111:	409672.4	3731174	0.002426477	0.001655462
409692.393:	409692.4	3731174	0.198863966	0.004064225	0.2029282	409692.39373111:	409692.4	3731174	0.002183311	0.00144879
409712.393:	409712.4	3731174	0.174722158	0.00385998	0.1785821	409712.39373111:	409712.4	3731174	0.001964454	0.001272909
409732.393:	409732.4	3731174	0.154156233	0.003545094	0.1577013	409732.39373111:	409732.4	3731174	0.001755505	0.001123079
408952.393:	408952.4	3731194	0.074031449	0.000131629	0.0741631	408952.39373111:	408952.4	3731194	0.000592099	0.000539344
408972.393:	408972.4	3731194	0.083406659	0.000147008	0.0835537	408972.39373111:	408972.4	3731194	0.000666875	0.000607645
409012.393:	409012.4	3731194	0.106692166	0.000187338	0.1068795	409012.39373111:	409012.4	3731194	0.00085294	0.000777288
409032.393:	409032.4	3731194	0.120958949	0.000213976	0.1211729	409032.39373111:	409032.4	3731194	0.000967248	0.000881226
409052.393:	409052.4	3731194	0.137217643	0.000246331	0.137464	409052.39373111:	409052.4	3731194	0.001097834	0.000999676
409072.393:	409072.4	3731194	0.155670379	0.000285754	0.1559561	409072.39373111:	409072.4	3731194	0.001246475	0.00113411
409112.393:	409112.4	3731194	0.199892997	0.000392116	0.2002851	409112.39373111:	409112.4	3731194	0.001604595	0.001456287
409132.393:	409132.4	3731194	0.22797085	0.000463579	0.2284344	409132.39373111:	409132.4	3731194	0.001832601	0.001660843
409172.393:	409172.4	3731194	0.302807148	0.000655896	0.303463	409172.39373111:	409172.4	3731194	0.002440604	0.002206051
409192.393:	409192.4	3731194	0.363725799	0.000790739	0.3645165	409192.39373111:	409192.4	3731194	0.002932066	0.002649863
409212.393:	409212.4	3731194	0.46336175	0.000980236	0.464342	409212.39373111:	409212.4	3731194	0.003730919	0.003375744
409232.393:	409232.4	3731194	0.62974508	0.001263496	0.6310086	409232.39373111:	409232.4	3731194	0.005059634	0.004587902
409252.393:	409252.4	3731194	0.882489857	0.001651215	0.8841411	409252.39373111:	409252.4	3731194	0.007071219	0.006429232
409272.393:	409272.4	3731194	1.210592799	0.002088699	1.2126815	409272.39373111:	409272.4	3731194	0.009672059	0.008819571
409292.393:	409292.4	3731194	1.568717728	0.00249373	1.5712115	409292.39373111:	409292.4	3731194	0.012499299	0.01142863
409333.043:	409333	3731197.23	2.054854145	0.002953001	2.0578071	409333.04373111:	409333	3731197.23	0.016322671	0.014970295
409532.393:	409532.4	3731194	0.637459139	0.003757295	0.6412164	409532.39373111:	409532.4	3731194	0.005517548	0.004644102
409552.393:	409552.4	3731194	0.54679781	0.003751922	0.5505497	409552.39373111:	409552.4	3731194	0.004817338	0.003983604
409572.393:	409572.4	3731194	0.471384519	0.003736267	0.4751208	409572.39373111:	409572.4	3731194	0.004233108	0.003434193
409612.393:	409612.4	3731194	0.354332213	0.003670443	0.3580027	409612.39373111:	409612.4	3731194	0.003319665	0.002581428
409632.393:	409632.4	3731194	0.308691002	0.003617927	0.3123089	409632.39373111:	409632.4	3731194	0.002959204	0.002248917
409652.393:	409652.4	3731194	0.269756869	0.003549964	0.2733068	409652.39373111:	409652.4	3731194	0.002648013	0.001965268
409672.393:	409672.4	3731194	0.236467708	0.003464058	0.2399318	409672.39373111:	409672.4	3731194	0.0023775	0.001722746
409692.393:	409692.4	3731194	0.207948842	0.003354561	0.2113034	409692.39373111:	409692.4	3731194	0.002140016	0.001514976
409712.393:	409712.4	3731194	0.183472598	0.003205986	0.1866786	409712.39373111:	409712.4	3731194	0.001927472	0.001336659
409732.393:	409732.4	3731194	0.162359082	0.002985613	0.1653447	409732.39373111:	409732.4	3731194	0.001729398	0.00118284
408952.393:	408952.4	3731214	0.072513628	0.000130091	0.0726437	408952.3937312:	408952.4	3731214	0.000580145	0.000528286
408972.393:	408972.4	3731214	0.081017836	0.000145056	0.0811629	408972.3937312:	408972.4	3731214	0.000648136	0.000590242
409012.393:	409012.4	3731214	0.101392655	0.000183592	0.1015762	409012.3937312:	409012.4	3731214	0.000811461	0.000738679
409032.393:	409032.4	3731214	0.113428646	0.000208356	0.113637	409032.3937312:	409032.4	3731214	0.000908262	0.000826365
409052.393:	409052.4	3731214	0.126828103	0.000237764	0.1270659	409052.3937312:	409052.4	3731214	0.001016322	0.000923985
409072.393:	409072.4	3731214	0.141701279	0.000272643	0.1419739	409072.3937312:	409072.4	3731214	0.001136624	0.001032341
409112.393:	409112.4	3731214	0.176717743	0.000362531	0.1770803	409112.3937312:	409112.4	3731214	0.001421097	0.001287447
409132.393:	409132.4	3731214	0.198915417	0.000420419	0.1993358	409132.3937312:	409132.4	3731214	0.001601576	0.001449165
409333.043:	409333	3731217.23	1.635814241	0.002359025	1.6381733	409333.0437312:	409333	3731217.23	0.012995354	0.01191745
409432.393:	409432.4	3731214	1.364815184	0.002985553	1.3678007	409432.3937312:	409432.4	3731214	0.011004993	0.009943132
409452.393:	409452.4	3731214	1.168512771	0.003035703	1.1715485	409452.3937312:	409452.4	3731214	0.009498751	0.008513004
409472.393:	409472.4	3731214	0.992824059	0.003073786	0.9958978	409472.3937312:	409472.4	3731214	0.008149593	0.007233053
409492.393:	409492.4	3731214	0.844029814	0.003101399	0.8471312	409492.3937312:	409492.4	3731214	0.007006224	0.006149038

409532.393:	409532.4	3731214	0.620226541	0.003126962	0.6233535	409532.3937312:	409532.4	3731214	0.005283916	0.004518556
409552.393:	409552.4	3731214	0.536632451	0.003126104	0.5397586	409552.3937312:	409552.4	3731214	0.004638944	0.003909546
409572.393:	409572.4	3731214	0.466621574	0.003116472	0.469738	409572.3937312:	409572.4	3731214	0.004097349	0.003399493
409612.393:	409612.4	3731214	0.356658559	0.003068245	0.3597268	409612.3937312:	409612.4	3731214	0.003241403	0.002598376
409632.393:	409632.4	3731214	0.313115836	0.00302894	0.3161448	409632.3937312:	409632.4	3731214	0.00289924	0.002281153
409652.393:	409652.4	3731214	0.275556196	0.00297813	0.2785343	409652.3937312:	409652.4	3731214	0.002601392	0.002007518
409672.393:	409672.4	3731214	0.243049833	0.00291407	0.2459639	409672.3937312:	409672.4	3731214	0.002340408	0.001770699
409692.393:	409692.4	3731214	0.214839676	0.002832483	0.2176722	409692.3937312:	409692.4	3731214	0.002109764	0.001565178
409712.393:	409712.4	3731214	0.190348732	0.002722158	0.1930709	409712.3937312:	409712.4	3731214	0.001903218	0.001386754
409732.393:	409732.4	3731214	0.169238891	0.002562531	0.1718014	409732.3937312:	409732.4	3731214	0.001714877	0.001232962
408952.393:	408952.4	3731234	0.070301211	0.000128533	0.0704297	408952.3937312:	408952.4	3731234	0.00056283	0.000512168
408972.393:	408972.4	3731234	0.077805788	0.000142917	0.0779487	408972.3937312:	408972.4	3731234	0.000623017	0.000566841
409012.393:	409012.4	3731234	0.095207442	0.000179057	0.0953865	409012.3937312:	409012.4	3731234	0.000763025	0.000693618
409032.393:	409032.4	3731234	0.105189045	0.000201653	0.1053907	409032.3937312:	409032.4	3731234	0.000843632	0.000766337
409052.393:	409052.4	3731234	0.116126178	0.000227876	0.1163541	409052.3937312:	409052.4	3731234	0.000932189	0.000846018
409072.393:	409072.4	3731234	0.128165843	0.000258269	0.1284241	409072.3937312:	409072.4	3731234	0.001029917	0.000933731
409092.393:	409092.4	3731234	0.141535899	0.000293424	0.1418293	409092.3937312:	409092.4	3731234	0.001138668	0.001031136
409112.393:	409112.4	3731234	0.156243696	0.000334011	0.1565777	409112.3937312:	409112.4	3731234	0.001258607	0.001138287
409132.393:	409132.4	3731234	0.17414884	0.000381154	0.17453	409132.3937312:	409132.4	3731234	0.001404256	0.001268732
409172.393:	409172.4	3731234	0.223421062	0.000500548	0.2239216	409172.3937312:	409172.4	3731234	0.001803411	0.001627697
409192.393:	409192.4	3731234	0.264064121	0.000581022	0.2646451	409192.3937312:	409192.4	3731234	0.002129783	0.001923795
409212.393:	409212.4	3731234	0.327360569	0.000689129	0.3280497	409212.3937312:	409212.4	3731234	0.002635315	0.002384931
409232.393:	409232.4	3731234	0.425791084	0.000840336	0.4266314	409232.3937312:	409232.4	3731234	0.003418754	0.00310203
409252.393:	409252.4	3731234	0.568760277	0.001042679	0.569803	409252.3937312:	409252.4	3731234	0.004553927	0.004143608
409272.393:	409272.4	3731234	0.755088437	0.001284938	0.7563734	409272.3937312:	409272.4	3731234	0.006029944	0.00550107
409292.393:	409292.4	3731234	0.968873356	0.001538524	0.9704119	409292.3937312:	409292.4	3731234	0.007719568	0.007058564
409312.393:	409312.4	3731234	1.18197838	0.00177341	1.1837518	409312.3937312:	409312.4	3731234	0.00940096	0.008611105
409332.393:	409332.4	3731234	1.358056653	0.001971917	1.3600286	409332.3937312:	409332.4	3731234	0.01079092	0.009893894
409432.393:	409432.4	3731234	1.228457517	0.00249649	1.230954	409432.3937312:	409432.4	3731234	0.009875013	0.008949721
409452.393:	409452.4	3731234	1.075462619	0.002545407	1.078008	409452.3937312:	409452.4	3731234	0.008702644	0.007835103
409472.393:	409472.4	3731234	0.929788544	0.002584072	0.9323726	409472.3937312:	409472.4	3731234	0.007585108	0.006773819
409492.393:	409492.4	3731234	0.800836227	0.002613243	0.8034495	409492.3937312:	409492.4	3731234	0.006595046	0.005834358
409532.393:	409532.4	3731234	0.599263704	0.002644306	0.601908	409532.3937312:	409532.4	3731234	0.005045102	0.004365835
409552.393:	409552.4	3731234	0.522435495	0.002647668	0.5250832	409552.3937312:	409552.4	3731234	0.004452995	0.003806116
409572.393:	409572.4	3731234	0.457694728	0.002643261	0.460338	409572.3937312:	409572.4	3731234	0.003952889	0.003334458
408952.393:	408952.4	3731254	0.067452999	0.000126729	0.0675797	408952.3937312:	408952.4	3731254	0.000540571	0.000491418
408972.393:	408972.4	3731254	0.073932221	0.000140334	0.0740726	408972.3937312:	408972.4	3731254	0.000592724	0.000538621
409072.393:	409072.4	3731254	0.115512434	0.000243363	0.1157558	409072.3937312:	409072.4	3731254	0.000929929	0.000841546
409092.393:	409092.4	3731254	0.126420165	0.000273254	0.1266934	409092.3937312:	409092.4	3731254	0.001018845	0.000921013
409112.393:	409112.4	3731254	0.13842308	0.000307186	0.1387303	409112.3937312:	409112.4	3731254	0.001116855	0.001008458
409132.393:	409132.4	3731254	0.153252155	0.000346078	0.1535982	409132.3937312:	409132.4	3731254	0.001237458	0.001116493
409172.393:	409172.4	3731254	0.194578786	0.000442778	0.1950216	409172.3937312:	409172.4	3731254	0.001571696	0.001417571
409192.393:	409192.4	3731254	0.228540492	0.000507153	0.2290476	409192.3937312:	409192.4	3731254	0.001843957	0.001664993
409212.393:	409212.4	3731254	0.27998838	0.000592004	0.2805804	409212.3937312:	409212.4	3731254	0.002254375	0.002039808
409232.393:	409232.4	3731254	0.358338085	0.000707731	0.3590458	409232.3937312:	409232.4	3731254	0.002877244	0.002610612
409252.393:	409252.4	3731254	0.469690293	0.000860684	0.470551	409252.3937312:	409252.4	3731254	0.003760638	0.00342185
409272.393:	409272.4	3731254	0.614346362	0.001046021	0.6153924	409272.3937312:	409272.4	3731254	0.004906107	0.004475717
409292.393:	409292.4	3731254	0.782589298	0.001247102	0.7838364	409292.3937312:	409292.4	3731254	0.006236037	0.005701423
409312.393:	409312.4	3731254	0.955058612	0.00144281	0.9565014	409312.3937312:	409312.4	3731254	0.007597711	0.006957919
409332.393:	409332.4	3731254	1.10430122	0.001617391	1.1059186	409332.3937312:	409332.4	3731254	0.008776842	0.008045201
409432.393:	409432.4	3731254	1.101552237	0.002112044	1.1036643	409432.3937312:	409432.4	3731254	0.008834662	0.008025174
409452.393:	409452.4	3731254	0.984676336	0.002160843	0.9868372	409452.3937312:	409452.4	3731254	0.007940891	0.007173694
409472.393:	409472.4	3731254	0.866062108	0.002199488	0.8682616	409472.3937312:	409472.4	3731254	0.007032089	0.00630955
409492.393:	409492.4	3731254	0.755963114	0.002229477	0.7581926	409492.3937312:	409492.4	3731254	0.00618759	0.005507443
409532.393:	409532.4	3731254	0.576000247	0.002264849	0.5782651	409532.3937312:	409532.4	3731254	0.004805028	0.004196353
409552.393:	409552.4	3731254	0.505625534	0.002271779	0.5078973	409552.3937312:	409552.4	3731254	0.004263274	0.00368365
409572.393:	409572.4	3731254	0.445875569	0.002271927	0.4481475	409572.3937312:	409572.4	3731254	0.003802393	0.003248352
409612.393:	409612.4	3731254	0.350601975	0.002251983	0.352854	409612.3937312:	409612.4	3731254	0.003064278	0.002554252
409632.393:	409632.4	3731254	0.312145607	0.002231488	0.3143771	409632.3937312:	409632.4	3731254	0.002764355	0.002274084
409652.393:	409652.4	3731254	0.278441158	0.002203746	0.2806449	409652.3937312:	409652.4	3731254	0.002499931	0.002028536
409672.393:	409672.4	3731254	0.248771982	0.002167665	0.2509396	409672.3937312:	409672.4	3731254	0.002265302	0.001812387
409692.393:	409692.4	3731254	0.222586811	0.002120493	0.2247073	409692.3937312:	409692.4	3731254	0.002055777	0.001621619
409712.393:	409712.4	3731254	0.199444633	0.002056315	0.2015009	409712.3937312:	409712.4	3731254	0.001867008	0.00145302
409732.393:	409732.4	3731254	0.178977937	0.001965933	0.1809439	409732.3937312:	409732.4	3731254	0.001694691	0.001303914
409412.393:	409412.4	3731274	1.052250614	0.001746388	1.053997	409412.3937312:	409412.4	3731274	0.008395938	0.007665995

409532.393:	409532.4	3731274	0.551384349	0.001960117	0.5533445	409532.3937312:	409532.4	3731274	0.004566461	0.004017018
409552.393:	409552.4	3731274	0.487261001	0.001969946	0.4892309	409552.3937312:	409552.4	3731274	0.004073391	0.003549858
409572.393:	409572.4	3731274	0.432163728	0.00197382	0.4341375	409572.3937312:	409572.4	3731274	0.003648996	0.003148456
409612.393:	409612.4	3731274	0.343773618	0.001963912	0.3457375	409612.3937312:	409612.4	3731274	0.002965582	0.002504505
409632.393:	409632.4	3731274	0.307926579	0.00195014	0.3098767	409632.3937312:	409632.4	3731274	0.002686862	0.002243347
409652.393:	409652.4	3731274	0.276338994	0.001930197	0.2782692	409652.3937312:	409652.4	3731274	0.002440013	0.002013221
409672.393:	409672.4	3731274	0.248334644	0.001903224	0.2502379	409672.3937312:	409672.4	3731274	0.002219682	0.0018092
409692.393:	409692.4	3731274	0.223424737	0.001867064	0.2252918	409692.3937312:	409692.4	3731274	0.002021753	0.001627723
409712.393:	409712.4	3731274	0.201241763	0.001817338	0.2030591	409712.3937312:	409712.4	3731274	0.001842692	0.001466113
409732.393:	409732.4	3731274	0.181477013	0.001747591	0.1832246	409732.3937312:	409732.4	3731274	0.001679086	0.00132212
409412.393:	409412.4	3731294	0.922037734	0.001498056	0.9235358	409412.3937312:	409412.4	3731294	0.007351818	0.006717351
409432.393:	409432.4	3731294	0.879818051	0.001555096	0.8813731	409432.3937312:	409432.4	3731294	0.007035253	0.006409767
409452.393:	409452.4	3731294	0.816146742	0.001601697	0.8177484	409452.3937312:	409452.4	3731294	0.006551545	0.0059459
409472.393:	409472.4	3731294	0.741670605	0.001639405	0.74331	409472.3937312:	409472.4	3731294	0.005983069	0.005403317
409492.393:	409492.4	3731294	0.665026151	0.001669759	0.6666959	409492.3937312:	409492.4	3731294	0.005396693	0.004844937
409532.393:	409532.4	3731294	0.526015054	0.001711105	0.5277262	409532.3937312:	409532.4	3731294	0.004330983	0.003832194
409552.393:	409552.4	3731294	0.46794829	0.001723191	0.4696715	409552.3937312:	409552.4	3731294	0.003884994	0.003409159
409572.393:	409572.4	3731294	0.417279526	0.001730023	0.4190095	409572.3937312:	409572.4	3731294	0.003495232	0.00304002
409612.393:	409612.4	3731294	0.335339237	0.001728199	0.3370674	409612.3937312:	409612.4	3731294	0.002862863	0.002443058
409632.393:	409632.4	3731294	0.301958198	0.001719642	0.3036778	409632.3937312:	409632.4	3731294	0.002603999	0.002199866
409652.393:	409652.4	3731294	0.272469102	0.001705762	0.2741749	409652.3937312:	409652.4	3731294	0.002374306	0.001985028
409672.393:	409672.4	3731294	0.246203079	0.001685877	0.247889	409672.3937312:	409672.4	3731294	0.002168516	0.001793671
409692.393:	409692.4	3731294	0.222719115	0.001658215	0.2243773	409692.3937312:	409692.4	3731294	0.001982944	0.001622583
409712.393:	409712.4	3731294	0.201690127	0.00161954	0.2033097	409712.3937312:	409712.4	3731294	0.001814551	0.00146938
409732.393:	409732.4	3731294	0.182763302	0.001565172	0.1843285	409732.3937312:	409732.4	3731294	0.001659865	0.001331491
408832.393:	408832.4	3731314	0.037129653	7.30898E-05	0.0372027	408832.3937313:	408832.4	3731314	0.000298091	0.000270502
408852.393:	408852.4	3731314	0.039930088	7.88767E-05	0.040009	408852.3937313:	408852.4	3731314	0.000320617	0.000290904
408872.393:	408872.4	3731314	0.042917954	8.52945E-05	0.0430032	408872.3937313:	408872.4	3731314	0.000344691	0.000312672
408892.393:	408892.4	3731314	0.0460859	9.24221E-05	0.0461783	408892.3937313:	408892.4	3731314	0.000370266	0.000335751
408912.393:	408912.4	3731314	0.049433927	0.000100328	0.0495343	408912.3937313:	408912.4	3731314	0.000397356	0.000360143
408932.393:	408932.4	3731314	0.052954684	0.000109063	0.0530637	408932.3937313:	408932.4	3731314	0.00042591	0.000385792
408952.393:	408952.4	3731314	0.056655521	0.000118695	0.0567742	408952.3937313:	408952.4	3731314	0.000455997	0.000412754
408972.393:	408972.4	3731314	0.06055849	0.000129312	0.0606878	408972.3937313:	408972.4	3731314	0.0004878	0.000441189
408992.393:	408992.4	3731314	0.064689315	0.000140974	0.0648303	408992.3937313:	408992.4	3731314	0.000521528	0.000471283
409012.393:	409012.4	3731314	0.069106799	0.0001538	0.0692606	409012.3937313:	409012.4	3731314	0.000557653	0.000503466
409032.393:	409032.4	3731314	0.073891795	0.000167878	0.0740597	409032.3937313:	409032.4	3731314	0.000596813	0.000538326
409052.393:	409052.4	3731314	0.079139854	0.000183365	0.0793232	409052.3937313:	409052.4	3731314	0.00063977	0.00057656
409072.393:	409072.4	3731314	0.084979606	0.00020043	0.08518	409072.3937313:	409072.4	3731314	0.000687543	0.000619105
409092.393:	409092.4	3731314	0.091583782	0.00021924	0.091803	409092.3937313:	409092.4	3731314	0.000741492	0.000667218
409112.393:	409112.4	3731314	0.099202288	0.000240021	0.0994423	409112.3937313:	409112.4	3731314	0.00080358	0.000722722
409132.393:	409132.4	3731314	0.108283489	0.00026307	0.1085466	409132.3937313:	409132.4	3731314	0.000877314	0.000788881
409172.393:	409172.4	3731314	0.134689166	0.000318849	0.135008	409172.3937313:	409172.4	3731314	0.001089915	0.000981255
409192.393:	409192.4	3731314	0.15572183	0.000354881	0.1560767	409192.3937313:	409192.4	3731314	0.001257915	0.001134485
409212.393:	409212.4	3731314	0.18583937	0.000400298	0.1862397	409212.3937313:	409212.4	3731314	0.001497494	0.001353902
409232.393:	409232.4	3731314	0.228518442	0.000458916	0.2289774	409232.3937313:	409232.4	3731314	0.00183608	0.001664833
409252.393:	409252.4	3731314	0.28656683	0.000533741	0.2871006	409252.3937313:	409252.4	3731314	0.002295813	0.002087735
409272.393:	409272.4	3731314	0.360789385	0.000625197	0.3614146	409272.3937313:	409272.4	3731314	0.002882968	0.002628471
409292.393:	409292.4	3731314	0.448676004	0.000730031	0.449406	409292.3937313:	409292.4	3731314	0.003577663	0.003268754
409312.393:	409312.4	3731314	0.543953274	0.000841815	0.5447951	409312.3937313:	409312.4	3731314	0.004330479	0.00396288
409332.393:	409332.4	3731314	0.635265097	0.000952869	0.636218	409332.3937313:	409332.4	3731314	0.005052589	0.004628117
409432.393:	409432.4	3731314	0.784507706	0.001348889	0.7858566	409432.3937313:	409432.4	3731314	0.006267097	0.005715399
409452.393:	409452.4	3731314	0.739682369	0.001394514	0.7410769	409452.3937313:	409452.4	3731314	0.005928609	0.005388832
409472.393:	409472.4	3731314	0.682732839	0.001431354	0.6841642	409472.3937313:	409472.4	3731314	0.005495192	0.004973936
409492.393:	409492.4	3731314	0.620388245	0.001461649	0.6218499	409492.3937313:	409492.4	3731314	0.005019114	0.004519735
409532.393:	409532.4	3731314	0.500303973	0.0015047	0.5018087	409532.3937313:	409532.4	3731314	0.004099676	0.003644881
409552.393:	409552.4	3731314	0.448018159	0.001518492	0.4495367	409552.3937313:	409552.4	3731314	0.003698552	0.003263961
409572.393:	409572.4	3731314	0.401719103	0.001527582	0.4032467	409572.3937313:	409572.4	3731314	0.003342859	0.002926657
409732.393:	409732.4	3731314	0.182825779	0.001410455	0.1842362	409732.3937313:	409732.4	3731314	0.00163563	0.001331947
408852.393:	408852.4	3731334	0.03851517	7.8088E-05	0.0385933	408852.3937313:	408852.4	3731334	0.000309577	0.000280596
408872.393:	408872.4	3731334	0.041131849	8.42002E-05	0.041216	408872.3937313:	408872.4	3731334	0.000330738	0.000299659
409332.393:	409332.4	3731334	0.537723959	0.000813945	0.5385379	409332.3937313:	409332.4	3731334	0.004277974	0.003917498
409412.393:	409412.4	3731334	0.710924621	0.001124237	0.7120489	409412.3937313:	409412.4	3731334	0.005663596	0.005179322
409432.393:	409432.4	3731334	0.699476648	0.001177019	0.7006537	409432.3937313:	409432.4	3731334	0.00558372	0.00509592
409452.393:	409452.4	3731334	0.669792771	0.001220839	0.6710136	409452.3937313:	409452.4	3731334	0.005361742	0.004879663
409472.393:	409472.4	3731334	0.626860117	0.001257354	0.6281175	409472.3937313:	409472.4	3731334	0.005036399	0.004566884

409492.393:	409492.4	3731334	0.577010903	0.001287472	0.5782984	409492.3937313:	409492.4	3731334	0.004656679	0.004203716
409532.393:	409532.4	3731334	0.474559816	0.001331548	0.4758914	409532.3937313:	409532.4	3731334	0.003873426	0.003457326
409552.393:	409552.4	3731334	0.427907948	0.001346661	0.4292546	409552.3937313:	409552.4	3731334	0.003515973	0.003117452
409572.393:	409572.4	3731334	0.385802194	0.001357338	0.3871595	409572.3937313:	409572.4	3731334	0.00319288	0.002810697
409612.393:	409612.4	3731334	0.315666364	0.001366723	0.3170331	409612.3937313:	409612.4	3731334	0.00265336	0.002299734
409632.393:	409632.4	3731334	0.286706484	0.001365481	0.288072	409632.3937313:	409632.4	3731334	0.002429768	0.002088752
409652.393:	409652.4	3731334	0.260988053	0.001360147	0.2623482	409652.3937313:	409652.4	3731334	0.002230527	0.001901385
409672.393:	409672.4	3731334	0.23802228	0.00135019	0.2393725	409672.3937313:	409672.4	3731334	0.002051781	0.001734071
409692.393:	409692.4	3731334	0.217375503	0.001334486	0.21871	409692.3937313:	409692.4	3731334	0.001890006	0.001583653
409712.393:	409712.4	3731334	0.198705936	0.001311161	0.2000171	409712.3937313:	409712.4	3731334	0.001742264	0.001447639
409732.393:	409732.4	3731334	0.181793072	0.001277653	0.1830707	409732.3937313:	409732.4	3731334	0.001606447	0.001324423
408852.393:	408852.4	3731354	0.036920172	7.70923E-05	0.0369973	408852.3937313:	408852.4	3731354	0.000297114	0.000268976
408872.393:	408872.4	3731354	0.039187715	8.28595E-05	0.0392706	408872.3937313:	408872.4	3731354	0.000315527	0.000285496
408892.393:	408892.4	3731354	0.041543462	8.91491E-05	0.0416326	408892.3937313:	408892.4	3731354	0.000334704	0.000302658
408932.393:	408932.4	3731354	0.046537939	0.000103355	0.0466413	408932.3937313:	408932.4	3731354	0.0003755	0.000339044
408952.393:	408952.4	3731354	0.04920607	0.00011138	0.0493174	408952.3937313:	408952.4	3731354	0.000397364	0.000358483
408972.393:	408972.4	3731354	0.05202488	0.000120045	0.0521449	408972.3937313:	408972.4	3731354	0.000420492	0.000379019
408992.393:	408992.4	3731354	0.055038472	0.00012942	0.0551679	408992.3937313:	408992.4	3731354	0.000445236	0.000400974
409012.393:	409012.4	3731354	0.058305646	0.000139565	0.0584452	409012.3937313:	409012.4	3731354	0.00047206	0.000424776
409032.393:	409032.4	3731354	0.06188888	0.000150567	0.0620394	409032.3937313:	409032.4	3731354	0.000501458	0.000450881
409072.393:	409072.4	3731354	0.070337962	0.000175538	0.0705135	409072.3937313:	409072.4	3731354	0.000570623	0.000512435
409092.393:	409092.4	3731354	0.075413291	0.000189694	0.075603	409092.3937313:	409092.4	3731354	0.000612035	0.000549411
409112.393:	409112.4	3731354	0.081113389	0.000205083	0.0813185	409112.3937313:	409112.4	3731354	0.000658463	0.000590938
409172.393:	409172.4	3731354	0.108775954	0.000262627	0.1090386	409172.3937313:	409172.4	3731354	0.000881042	0.000792469
409192.393:	409192.4	3731354	0.124623036	0.000288396	0.1249114	409192.3937313:	409192.4	3731354	0.001007401	0.00090792
409212.393:	409212.4	3731354	0.146596528	0.00032018	0.1469167	409212.3937313:	409212.4	3731354	0.00118198	0.001068004
409232.393:	409232.4	3731354	0.176739794	0.000360145	0.1770999	409232.3937313:	409232.4	3731354	0.001420886	0.001287608
409252.393:	409252.4	3731354	0.216736034	0.000410206	0.2171462	409252.3937313:	409252.4	3731354	0.00173741	0.001578994
409272.393:	409272.4	3731354	0.267243093	0.00047115	0.2677142	409272.3937313:	409272.4	3731354	0.002136752	0.001946955
409292.393:	409292.4	3731354	0.327195189	0.000542042	0.3277372	409292.3937313:	409292.4	3731354	0.002610541	0.002383726
409332.393:	409332.4	3731354	0.45907657	0.000700988	0.4597776	409332.3937313:	409332.4	3731354	0.003653252	0.003344525
409412.393:	409412.4	3731354	0.625974415	0.000981764	0.6269562	409412.3937313:	409412.4	3731354	0.004985538	0.004560432
409532.393:	409532.4	3731354	0.448962663	0.001184787	0.4501474	409532.3937313:	409532.4	3731354	0.003652526	0.003270842
409552.393:	409552.4	3731354	0.407724235	0.001200777	0.408925	409552.3937313:	409552.4	3731354	0.003336972	0.002970407
409572.393:	409572.4	3731354	0.369745632	0.001212647	0.3709583	409572.3937313:	409572.4	3731354	0.003045906	0.00269372
409612.393:	409612.4	3731354	0.305243747	0.001225926	0.3064697	409612.3937313:	409612.4	3731354	0.002550467	0.002223802
409632.393:	409632.4	3731354	0.278268428	0.001227454	0.2794959	409632.3937313:	409632.4	3731354	0.002342627	0.002027278
409652.393:	409652.4	3731354	0.254262599	0.001225157	0.2554878	409652.3937313:	409652.4	3731354	0.002157082	0.001852388
409672.393:	409672.4	3731354	0.23275217	0.001218749	0.2339709	409672.3937313:	409672.4	3731354	0.001990129	0.001695677
409692.393:	409692.4	3731354	0.213380657	0.001207333	0.214588	409692.3937313:	409692.4	3731354	0.001838876	0.001554549
409712.393:	409712.4	3731354	0.195839349	0.001189253	0.1970286	409712.3937313:	409712.4	3731354	0.001700676	0.001426755
409732.393:	409732.4	3731354	0.179882014	0.001162645	0.1810447	409732.3937313:	409732.4	3731354	0.001573332	0.00131105
408852.393:	408852.4	3731374	0.035203894	7.58896E-05	0.0352798	408852.3937313:	408852.4	3731374	0.000283683	0.000256472
408872.393:	408872.4	3731374	0.037155379	8.12821E-05	0.0372367	408872.3937313:	408872.4	3731374	0.000299598	0.000270689
408892.393:	408892.4	3731374	0.03917669	8.71084E-05	0.0392638	408892.3937313:	408892.4	3731374	0.000316121	0.000285415
408932.393:	408932.4	3731374	0.04344717	0.000100121	0.0435473	408932.3937313:	408932.4	3731374	0.000351142	0.000316527
408952.393:	408952.4	3731374	0.045688988	0.000107377	0.0457964	408952.3937313:	408952.4	3731374	0.000369594	0.000332859
408972.393:	408972.4	3731374	0.048096186	0.000115165	0.0482114	408972.3937313:	408972.4	3731374	0.000389407	0.000350397
408992.393:	408992.4	3731374	0.050745941	0.000123565	0.0508695	408992.3937313:	408992.4	3731374	0.000411189	0.000369701
409012.393:	409012.4	3731374	0.053686031	0.000132615	0.0538186	409012.3937313:	409012.4	3731374	0.000435314	0.000391121
409032.393:	409032.4	3731374	0.056857652	0.000142374	0.057	409032.3937313:	409032.4	3731374	0.000461339	0.000414227
409072.393:	409072.4	3731374	0.06435488	0.000164339	0.0645192	409072.3937313:	409072.4	3731374	0.000522681	0.000468847
409092.393:	409092.4	3731374	0.068867917	0.000176691	0.0690446	409092.3937313:	409092.4	3731374	0.000559467	0.000501726
409112.393:	409112.4	3731374	0.073799917	0.000189773	0.0739897	409112.3937313:	409112.4	3731374	0.000599602	0.000537657
409172.393:	409172.4	3731374	0.098500342	0.000239716	0.0987401	409172.3937313:	409172.4	3731374	0.000798117	0.000717608
409192.393:	409192.4	3731374	0.112370213	0.000261759	0.112632	409192.3937313:	409192.4	3731374	0.000908629	0.000818654
409212.393:	409212.4	3731374	0.131344815	0.000288692	0.1316335	409212.3937313:	409212.4	3731374	0.0010593	0.000956891
409232.393:	409232.4	3731374	0.156905216	0.00032222	0.1572274	409232.3937313:	409232.4	3731374	0.001261826	0.001143107
409252.393:	409252.4	3731374	0.189948145	0.000363842	0.190312	409252.3937313:	409252.4	3731374	0.001523365	0.001383835
409272.393:	409272.4	3731374	0.232362608	0.000414396	0.232777	409272.3937313:	409272.4	3731374	0.001858621	0.001692839
409292.393:	409292.4	3731374	0.2831012	0.000473418	0.2835746	409292.3937313:	409292.4	3731374	0.002259442	0.002062486
409332.393:	409332.4	3731374	0.394475458	0.000608024	0.3950835	409332.3937313:	409332.4	3731374	0.003140074	0.002873885
409412.393:	409412.4	3731374	0.552402355	0.000861393	0.5532637	409412.3937313:	409412.4	3731374	0.004398782	0.004024435
409432.393:	409432.4	3731374	0.557069747	0.000909226	0.557979	409432.3937313:	409432.4	3731374	0.004442427	0.004058438
409452.393:	409452.4	3731374	0.547587959	0.000950227	0.5485382	409452.3937313:	409452.4	3731374	0.004375836	0.00398936

409472.393:	409472.4	3731374	0.525610791	0.000985067	0.5265959	409472.3937313:	409472.4	3731374	0.004211873	0.003829249
409492.393:	409492.4	3731374	0.495522652	0.001014435	0.4965371	409492.3937313:	409492.4	3731374	0.003984468	0.003610047
409532.393:	409532.4	3731374	0.423755072	0.001059231	0.4248143	409532.3937313:	409532.4	3731374	0.003438018	0.003087197
409552.393:	409552.4	3731374	0.387669151	0.001075754	0.3887449	409552.3937313:	409552.4	3731374	0.003162296	0.002824299
409572.393:	409572.4	3731374	0.353685394	0.00108856	0.354774	409572.3937313:	409572.4	3731374	0.002902195	0.002576716
409612.393:	409612.4	3731374	0.294442594	0.00110452	0.2955471	409612.3937313:	409612.4	3731374	0.002447753	0.002145112
409632.393:	409632.4	3731374	0.269319531	0.001107764	0.2704273	409632.3937313:	409632.4	3731374	0.002254475	0.001962082
409652.393:	409652.4	3731374	0.246890325	0.001107793	0.2479981	409652.3937313:	409652.4	3731374	0.002081463	0.001798678
409672.393:	409672.4	3731374	0.226783789	0.001104205	0.227888	409672.3937313:	409672.4	3731374	0.00192579	0.001652195
409692.393:	409692.4	3731374	0.208650788	0.00109615	0.2097469	409692.3937313:	409692.4	3731374	0.001784628	0.00152009
409712.393:	409712.4	3731374	0.192215689	0.001082556	0.1932982	409712.3937313:	409712.4	3731374	0.001655678	0.001400355
409732.393:	409732.4	3731374	0.177235934	0.001061834	0.1782978	409732.3937313:	409732.4	3731374	0.001536815	0.001291223
408852.393:	408852.4	3731394	0.033421465	7.447E-05	0.0334959	408852.3937313:	408852.4	3731394	0.000269707	0.000243486
408872.393:	408872.4	3731394	0.035100991	7.94781E-05	0.0351805	408872.3937313:	408872.4	3731394	0.000283462	0.000255722
408892.393:	408892.4	3731394	0.036835644	8.48509E-05	0.0369205	408892.3937313:	408892.4	3731394	0.000297702	0.00026836
408932.393:	408932.4	3731394	0.04048503	9.67203E-05	0.0405818	408932.3937313:	408932.4	3731394	0.000327749	0.000294947
408952.393:	408952.4	3731394	0.042245408	0.000102714	0.0423481	408952.3937313:	408952.4	3731394	0.000342286	0.000307772
408972.393:	408972.4	3731394	0.044351247	0.000109615	0.0444609	408972.3937313:	408972.4	3731394	0.000359632	0.000323114
408992.393:	408992.4	3731394	0.046670243	0.000117088	0.0467873	408992.3937313:	408992.4	3731394	0.000378715	0.000340008
409012.393:	409012.4	3731394	0.049286922	0.000125369	0.0494123	409012.3937313:	409012.4	3731394	0.000400222	0.000359072
409032.393:	409032.4	3731394	0.052388716	0.000134557	0.0525233	409032.3937313:	409032.4	3731394	0.000425617	0.000381669
409072.393:	409072.4	3731394	0.059099947	0.000153948	0.0592534	409072.3937313:	409072.4	3731394	0.000480481	0.000430559
409092.393:	409092.4	3731394	0.063131068	0.000164773	0.0632958	409092.3937313:	409092.4	3731394	0.00051331	0.000459931
409112.393:	409112.4	3731394	0.067574278	0.000176258	0.0677505	409112.3937313:	409112.4	3731394	0.000549419	0.000492301
409132.393:	409132.4	3731394	0.073428731	0.000189231	0.073618	409132.3937313:	409132.4	3731394	0.000596652	0.000534953
409172.393:	409172.4	3731394	0.08936769	0.000219516	0.0895872	409172.3937313:	409172.4	3731394	0.000724442	0.000651073
409332.393:	409332.4	3731394	0.342072041	0.000531592	0.3426036	409332.3937313:	409332.4	3731394	0.00272363	0.002492109
409412.393:	409412.4	3731394	0.48772039	0.000758285	0.4884787	409412.3937313:	409412.4	3731394	0.00388336	0.003553205
409432.393:	409432.4	3731394	0.496856718	0.000803308	0.49766	409432.3937313:	409432.4	3731394	0.00396103	0.003619766
409452.393:	409452.4	3731394	0.49379535	0.000843195	0.4946385	409452.3937313:	409452.4	3731394	0.003943787	0.003597463
409472.393:	409472.4	3731394	0.479907103	0.000877581	0.4807847	409472.3937313:	409472.4	3731394	0.003842148	0.003496283
409492.393:	409492.4	3731394	0.457827032	0.000906298	0.4587333	409492.3937313:	409492.4	3731394	0.003676413	0.003335422
409532.393:	409532.4	3731394	0.399095073	0.000950986	0.4000461	409532.3937313:	409532.4	3731394	0.003230501	0.00290754
409552.393:	409552.4	3731394	0.367841924	0.000967913	0.3688098	409552.3937313:	409552.4	3731394	0.002992122	0.002679851
409572.393:	409572.4	3731394	0.337709684	0.000981251	0.3386909	409572.3937313:	409572.4	3731394	0.002761817	0.002460327
408852.393:	408852.4	3731414	0.031631686	7.2873E-05	0.0317046	408852.3937314:	408852.4	3731414	0.000255645	0.000230447
408872.393:	408872.4	3731414	0.033076005	7.74965E-05	0.0331535	408872.3937314:	408872.4	3731414	0.000267525	0.00024097
408892.393:	408892.4	3731414	0.03457545	8.24158E-05	0.0346579	408892.3937314:	408892.4	3731414	0.000279878	0.000251894
408932.393:	408932.4	3731414	0.037758097	9.32206E-05	0.0378513	408932.3937314:	408932.4	3731414	0.000306154	0.00027508
408952.393:	408952.4	3731414	0.039305319	9.86033E-05	0.0394039	408952.3937314:	408952.4	3731414	0.000318949	0.000286352
408992.393:	408992.4	3731414	0.04346922	0.000112178	0.0435814	408992.3937314:	408992.4	3731414	0.000353238	0.000316688
409012.393:	409012.4	3731414	0.045619161	0.000118911	0.0457381	409012.3937314:	409012.4	3731414	0.000370898	0.000332351
409032.393:	409032.4	3731414	0.048419596	0.000127153	0.0485467	409032.3937314:	409032.4	3731414	0.000393817	0.000352753
409072.393:	409072.4	3731414	0.054457804	0.000144297	0.0546021	409072.3937314:	409072.4	3731414	0.000443134	0.000396743
409092.393:	409092.4	3731414	0.058088815	0.00015381	0.0582426	409092.3937314:	409092.4	3731414	0.000472663	0.000423196
409112.393:	409112.4	3731414	0.06205426	0.000163797	0.0622181	409112.3937314:	409112.4	3731414	0.000504847	0.000452086
409132.393:	409132.4	3731414	0.067291294	0.000175232	0.0674665	409132.3937314:	409132.4	3731414	0.000547072	0.000490239
409172.393:	409172.4	3731414	0.081826361	0.000201633	0.082028	409172.3937314:	409172.4	3731414	0.000663412	0.000596132
409192.393:	409192.4	3731414	0.092601788	0.000218077	0.0928199	409192.3937314:	409192.4	3731414	0.000749159	0.000674635
409212.393:	409212.4	3731414	0.107026601	0.000237862	0.1072645	409212.3937314:	409212.4	3731414	0.000863591	0.000779724
409232.393:	409232.4	3731414	0.126034279	0.000262074	0.1262964	409232.3937314:	409232.4	3731414	0.001014082	0.000918202
409252.393:	409252.4	3731414	0.150312066	0.000291699	0.1506038	409252.3937314:	409252.4	3731414	0.001206091	0.001095073
409272.393:	409272.4	3731414	0.180598661	0.000327416	0.1809261	409272.3937314:	409272.4	3731414	0.001445424	0.001315721
409292.393:	409292.4	3731414	0.216717658	0.000369294	0.217087	409292.3937314:	409292.4	3731414	0.001730732	0.00157886
409332.393:	409332.4	3731414	0.298000102	0.000467424	0.2984675	409332.3937314:	409332.4	3731414	0.002373413	0.00217103
409412.393:	409412.4	3731414	0.43175579	0.000669648	0.4324254	409412.3937314:	409412.4	3731414	0.003437496	0.003145484
409432.393:	409432.4	3731414	0.444368774	0.000712966	0.4450817	409432.3937314:	409432.4	3731414	0.003541711	0.003237374
409452.393:	409452.4	3731414	0.446272481	0.000751453	0.4470239	409452.3937314:	409452.4	3731414	0.003562545	0.003251243
409472.393:	409472.4	3731414	0.438099033	0.000784262	0.4388833	409472.3937314:	409472.4	3731414	0.003504737	0.003191697
409492.393:	409492.4	3731414	0.422417332	0.000812644	0.42323	409492.3937314:	409492.4	3731414	0.003388305	0.003077451
409532.393:	409532.4	3731414	0.375074544	0.000857075	0.3759316	409532.3937314:	409532.4	3731414	0.003030206	0.002732543
409552.393:	409552.4	3731414	0.348396908	0.000874022	0.3492709	409552.3937314:	409552.4	3731414	0.002827126	0.002538187
409572.393:	409572.4	3731414	0.321811151	0.000887952	0.3226991	409572.3937314:	409572.4	3731414	0.002624272	0.002344501
409592.393:	409592.4	3731414	0.296456555	0.000899052	0.2973556	409592.3937314:	409592.4	3731414	0.002430463	0.002159785
409612.393:	409612.4	3731414	0.272843963	0.000907688	0.2737517	409612.3937314:	409612.4	3731414	0.002249698	0.001987759

409632.393:	409632.4	3731414	0.251274733	0.000913564	0.2521883	409632.3937314:	409632.4	3731414	0.002084254	0.00183062
409652.393:	409652.4	3731414	0.231730489	0.000916886	0.2326474	409652.3937314:	409652.4	3731414	0.001934023	0.001688234
409672.393:	409672.4	3731414	0.214071578	0.000917231	0.2149888	409672.3937314:	409672.4	3731414	0.001797859	0.001559583
409692.393:	409692.4	3731414	0.198132619	0.000914175	0.1990468	409692.3937314:	409692.4	3731414	0.00167442	0.001443462
409712.393:	409712.4	3731414	0.183641653	0.000906978	0.1845486	409712.3937314:	409712.4	3731414	0.001561488	0.00133789
409732.393:	409732.4	3731414	0.170414927	0.000894705	0.1713096	409732.3937314:	409732.4	3731414	0.001457498	0.001241529
408852.393:	408852.4	3731434	0.029867632	7.11182E-05	0.0299388	408852.3937314:	408852.4	3731434	0.000241757	0.000217596
408872.393:	408872.4	3731434	0.03112452	7.53671E-05	0.0311999	408872.3937314:	408872.4	3731434	0.000252131	0.000226752
408892.393:	408892.4	3731434	0.03243286	7.98625E-05	0.0325127	408892.3937314:	408892.4	3731434	0.000262942	0.000236284
408932.393:	408932.4	3731434	0.03521492	8.96617E-05	0.0353046	408932.3937314:	408932.4	3731434	0.000285968	0.000256552
408952.393:	408952.4	3731434	0.036633513	9.45515E-05	0.0367281	408952.3937314:	408952.4	3731434	0.000297692	0.000266887
408992.393:	408992.4	3731434	0.040363751	0.000106697	0.0404704	408992.3937314:	408992.4	3731434	0.000328407	0.000294063
409012.393:	409012.4	3731434	0.042370362	0.000112868	0.0424832	409012.3937314:	409012.4	3731434	0.000344872	0.000308682
409032.393:	409032.4	3731434	0.044829012	0.000120144	0.0449492	409032.3937314:	409032.4	3731434	0.000365	0.000326594
409072.393:	409072.4	3731434	0.050349029	0.000135355	0.0504844	409072.3937314:	409072.4	3731434	0.000410011	0.000366809
409092.393:	409092.4	3731434	0.053597828	0.000143755	0.0537416	409092.3937314:	409092.4	3731434	0.000436413	0.000390478
409112.393:	409112.4	3731434	0.057177387	0.00015242	0.0573298	409112.3937314:	409112.4	3731434	0.00046541	0.000416556
409132.393:	409132.4	3731434	0.061918281	0.000162574	0.0620809	409132.3937314:	409132.4	3731434	0.000503603	0.000451095
409332.393:	409332.4	3731434	0.26139599	0.000413666	0.2618097	409332.3937314:	409332.4	3731434	0.002082465	0.001904357
409412.393:	409412.4	3731434	0.384210871	0.000595622	0.3848065	409412.3937314:	409412.4	3731434	0.003058913	0.002799104
409432.393:	409432.4	3731434	0.398911318	0.000636593	0.3995479	409432.3937314:	409432.4	3731434	0.003178856	0.002906202
409532.393:	409532.4	3731434	0.351888264	0.000774827	0.3526631	409532.3937314:	409532.4	3731434	0.00283821	0.002563623
409552.393:	409552.4	3731434	0.329131973	0.00079063	0.3299226	409552.3937314:	409552.4	3731434	0.002665196	0.002397836
409572.393:	409572.4	3731434	0.306004495	0.000804432	0.3068089	409572.3937314:	409572.4	3731434	0.002488998	0.002229344
409592.393:	409592.4	3731434	0.283483411	0.000816656	0.2843001	409592.3937314:	409592.4	3731434	0.002317226	0.002065271
409612.393:	409612.4	3731434	0.262083236	0.000825953	0.2629092	409612.3937314:	409612.4	3731434	0.002153633	0.001909363
409632.393:	409632.4	3731434	0.242244984	0.000833001	0.243078	409632.3937314:	409632.4	3731434	0.002001729	0.001764835
409652.393:	409652.4	3731434	0.224086257	0.000837625	0.2249239	409652.3937314:	409652.4	3731434	0.001862393	0.001632543
409672.393:	409672.4	3731434	0.20755193	0.000839754	0.2083917	409672.3937314:	409672.4	3731434	0.00173519	0.001512085
409692.393:	409692.4	3731434	0.192553799	0.000838581	0.1933924	409692.3937314:	409692.4	3731434	0.001619308	0.001402818
409712.393:	409712.4	3731434	0.17891546	0.000833691	0.1797492	409712.3937314:	409712.4	3731434	0.001513323	0.001303459
409732.393:	409732.4	3731434	0.166449481	0.000824257	0.1672737	409732.3937314:	409732.4	3731434	0.001415654	0.00121264
408852.393:	408852.4	3731454	0.028166056	6.92352E-05	0.0282353	408852.3937314:	408852.4	3731454	0.000228331	0.000205199
408872.393:	408872.4	3731454	0.029268589	7.31293E-05	0.0293417	408872.3937314:	408872.4	3731454	0.000237458	0.000213231
408892.393:	408892.4	3731454	0.030426249	7.72402E-05	0.0305035	408892.3937314:	408892.4	3731454	0.000247044	0.000221665
408932.393:	408932.4	3731454	0.032925325	8.61423E-05	0.0330115	408932.3937314:	408932.4	3731454	0.000267744	0.000239872
408952.393:	408952.4	3731454	0.034241015	9.06673E-05	0.0343317	408952.3937314:	408952.4	3731454	0.000278616	0.000249457
408992.393:	408992.4	3731454	0.037614768	0.000101511	0.0377163	408992.3937314:	408992.4	3731454	0.000306373	0.000274036
409012.393:	409012.4	3731454	0.039404547	0.000106884	0.0395114	409012.3937314:	409012.4	3731454	0.000321038	0.000287075
409032.393:	409032.4	3731454	0.041602264	0.000113401	0.0417157	409032.3937314:	409032.4	3731454	0.000339032	0.000303086
409072.393:	409072.4	3731454	0.046607766	0.000127045	0.0467348	409072.3937314:	409072.4	3731454	0.000379823	0.000339553
409092.393:	409092.4	3731454	0.04955153	0.000134448	0.049686	409092.3937314:	409092.4	3731454	0.000403714	0.000360999
409112.393:	409112.4	3731454	0.052899557	0.000142197	0.0530418	409112.3937314:	409112.4	3731454	0.000430778	0.000385391
409132.393:	409132.4	3731454	0.057199438	0.000151119	0.0573506	409132.3937314:	409132.4	3731454	0.000465372	0.000416717
409172.393:	409172.4	3731454	0.068776039	0.000171437	0.0689475	409172.3937314:	409172.4	3731454	0.000557919	0.000501056
409192.393:	409192.4	3731454	0.077331699	0.000184026	0.0775157	409192.3937314:	409192.4	3731454	0.000625927	0.000563387
409212.393:	409212.4	3731454	0.088415836	0.000198942	0.0886148	409212.3937314:	409212.4	3731454	0.000713812	0.000644139
409232.393:	409232.4	3731454	0.102770822	0.000216943	0.1029878	409232.3937314:	409232.4	3731454	0.000827421	0.00074872
409252.393:	409252.4	3731454	0.120591438	0.000238434	0.1208299	409252.3937314:	409252.4	3731454	0.000968832	0.000878549
409272.393:	409272.4	3731454	0.14288834	0.000264549	0.1431529	409272.3937314:	409272.4	3731454	0.001144488	0.001040989
409292.393:	409292.4	3731454	0.169845284	0.000295386	0.1701407	409292.3937314:	409292.4	3731454	0.001357357	0.001237379
409332.393:	409332.4	3731454	0.230583854	0.00036819	0.230952	409332.3937314:	409332.4	3731454	0.001837518	0.00167988
409412.393:	409412.4	3731454	0.342700485	0.000531572	0.3432321	409412.3937314:	409412.4	3731454	0.002728475	0.002496687
409432.393:	409432.4	3731454	0.35734948	0.000568068	0.3579175	409432.3937314:	409432.4	3731454	0.002847306	0.00260341
409452.393:	409452.4	3731454	0.364986362	0.000602355	0.3655887	409452.3937314:	409452.4	3731454	0.002911693	0.002659047
409472.393:	409472.4	3731454	0.364850383	0.000632404	0.3654828	409472.3937314:	409472.4	3731454	0.002915445	0.002658056
409492.393:	409492.4	3731454	0.358231507	0.000659465	0.358891	409492.3937314:	409492.4	3731454	0.002868711	0.002609836
409532.393:	409532.4	3731454	0.329484784	0.000701856	0.3301866	409532.3937314:	409532.4	3731454	0.002653735	0.002400406
409552.393:	409552.4	3731454	0.310502832	0.000717747	0.3112206	409552.3937314:	409552.4	3731454	0.002509849	0.002262116
409572.393:	409572.4	3731454	0.290613128	0.000731993	0.2913451	409572.3937314:	409572.4	3731454	0.002358698	0.002117213
409592.393:	409592.4	3731454	0.270712398	0.000744424	0.2714568	409592.3937314:	409592.4	3731454	0.002207172	0.001972223
409612.393:	409612.4	3731454	0.251403362	0.000754144	0.2521575	409612.3937314:	409612.4	3731454	0.002059777	0.001831557
409632.393:	409632.4	3731454	0.23324096	0.000762051	0.234003	409632.3937314:	409632.4	3731454	0.001920938	0.001699238
409652.393:	409652.4	3731454	0.216416299	0.000767552	0.2171839	409652.3937314:	409652.4	3731454	0.001792033	0.001576665
409672.393:	409672.4	3731454	0.200977155	0.000771071	0.2017482	409672.3937314:	409672.4	3731454	0.0016735	0.001464185

409692.393:	409692.4	3731454	0.186886777	0.000771367	0.1876581	409692.3937314:	409692.4	3731454	0.001564856	0.001361532
409712.393:	409712.4	3731454	0.174034912	0.000768252	0.1748032	409712.3937314:	409712.4	3731454	0.00146522	0.001267902
409732.393:	409732.4	3731454	0.162296605	0.000761223	0.1630578	409732.3937314:	409732.4	3731454	0.001373549	0.001182385
409072.393:	409072.4	3731474	0.043344267	0.000119355	0.0434636	409072.3937314:	409072.4	3731474	0.000353421	0.000315777
409092.393:	409092.4	3731474	0.046049149	0.00012597	0.0461751	409092.3937314:	409092.4	3731474	0.000375343	0.000335483
409112.393:	409112.4	3731474	0.049095816	0.000132861	0.0492287	409112.3937314:	409112.4	3731474	0.000399945	0.000357679
409132.393:	409132.4	3731474	0.05300981	0.000140718	0.0531505	409132.3937314:	409132.4	3731474	0.000431392	0.000386194
409172.393:	409172.4	3731474	0.063428752	0.000158641	0.0635874	409172.3937314:	409172.4	3731474	0.000514626	0.0004621
409192.393:	409192.4	3731474	0.070973756	0.000169633	0.0711434	409192.3937314:	409192.4	3731474	0.000574584	0.000517067
409212.393:	409212.4	3731474	0.080742203	0.000182646	0.0809248	409212.3937314:	409212.4	3731474	0.000652015	0.000588234
409232.393:	409232.4	3731474	0.093211856	0.000198173	0.09341	409232.3937314:	409232.4	3731474	0.000750685	0.000679079
409252.393:	409252.4	3731474	0.108834756	0.000216785	0.1090515	409252.3937314:	409252.4	3731474	0.000874172	0.000792897
409272.393:	409272.4	3731474	0.127842433	0.000238888	0.1280813	409272.3937314:	409272.4	3731474	0.001024326	0.000931375
409292.393:	409292.4	3731474	0.152006292	0.000266323	0.1522726	409292.3937314:	409292.4	3731474	0.001215106	0.001107416
409312.393:	409312.4	3731474	0.177566694	0.00029648	0.1778632	409312.3937314:	409312.4	3731474	0.001417094	0.001293632
409332.393:	409332.4	3731474	0.204468511	0.000329476	0.204798	409332.3937314:	409332.4	3731474	0.001629883	0.001489621
409412.393:	409412.4	3731474	0.30515922	0.000473714	0.3056329	409412.3937314:	409412.4	3731474	0.002429642	0.002223186
409432.393:	409432.4	3731474	0.320436659	0.000507863	0.3209445	409432.3937314:	409432.4	3731474	0.002552946	0.002334488
409452.393:	409452.4	3731474	0.329558286	0.000539636	0.3300979	409452.3937314:	409452.4	3731474	0.002628386	0.002400942
409472.393:	409472.4	3731474	0.332366071	0.000568748	0.3329348	409472.3937314:	409472.4	3731474	0.002654695	0.002421397
409492.393:	409492.4	3731474	0.329407606	0.000595583	0.3300032	409492.3937314:	409492.4	3731474	0.002636161	0.002399844
409532.393:	409532.4	3731474	0.308283065	0.000638171	0.3089212	409532.3937314:	409532.4	3731474	0.002480013	0.002245945
409552.393:	409552.4	3731474	0.292869646	0.000655048	0.2935247	409552.3937314:	409552.4	3731474	0.002363812	0.002133653
409572.393:	409572.4	3731474	0.27588328	0.000669441	0.2765527	409572.3937314:	409572.4	3731474	0.00223508	0.002009901
409592.393:	409592.4	3731474	0.258323597	0.000681528	0.2590051	409592.3937314:	409592.4	3731474	0.002101558	0.001881973
409612.393:	409612.4	3731474	0.240932969	0.00069112	0.2416241	409612.3937314:	409612.4	3731474	0.001968941	0.001755277
409632.393:	409632.4	3731474	0.22433984	0.000699066	0.2250389	409632.3937314:	409632.4	3731474	0.001842213	0.00163439
409652.393:	409652.4	3731474	0.208808818	0.000705198	0.209514	409652.3937314:	409652.4	3731474	0.001723388	0.001521242
409672.393:	409672.4	3731474	0.194439131	0.000709654	0.1951488	409672.3937314:	409672.4	3731474	0.001613254	0.001416554
409692.393:	409692.4	3731474	0.181219755	0.00071128	0.181931	409692.3937314:	409692.4	3731474	0.001511541	0.001320246
409712.393:	409712.4	3731474	0.169128638	0.000709742	0.1698384	409712.3937314:	409712.4	3731474	0.001418026	0.001232158
409732.393:	409732.4	3731474	0.158066552	0.000704862	0.1587714	409732.3937314:	409732.4	3731474	0.001331915	0.001151567
409772.393:	409772.4	3731474	0.138555384	0.000683026	0.1392384	409772.3937314:	409772.4	3731474	0.00117792	0.001009422
409792.393:	409792.4	3731474	0.129889471	0.00066535	0.1305548	409792.3937314:	409792.4	3731474	0.001108248	0.000946288
408832.393:	408832.4	3731494	0.024196935	6.21175E-05	0.0242591	408832.3937314:	408832.4	3731494	0.000196576	0.000176283
408852.393:	408852.4	3731494	0.025031185	6.52229E-05	0.0250964	408852.3937314:	408852.4	3731494	0.000203508	0.000182361
408872.393:	408872.4	3731494	0.025909537	6.8486E-05	0.025978	408872.3937314:	408872.4	3731494	0.000210804	0.00018876
408892.393:	408892.4	3731494	0.026850366	7.1897E-05	0.0269223	408892.3937314:	408892.4	3731494	0.000218607	0.000195614
408912.393:	408912.4	3731494	0.027868372	7.54854E-05	0.0279439	408912.3937314:	408912.4	3731494	0.000227033	0.00020303
408932.393:	408932.4	3731494	0.02897458	7.92612E-05	0.0290538	408932.3937314:	408932.4	3731494	0.000236169	0.000211089
408952.393:	408952.4	3731494	0.030161641	8.32439E-05	0.0302449	408952.3937314:	408952.4	3731494	0.000245962	0.000219738
408972.393:	408972.4	3731494	0.03144793	8.73943E-05	0.0315353	408972.3937314:	408972.4	3731494	0.000256548	0.000229109
408992.393:	408992.4	3731494	0.032895924	9.17911E-05	0.0329877	408992.3937314:	408992.4	3731494	0.00026842	0.000239658
409012.393:	409012.4	3731494	0.034527674	9.6533E-05	0.0346242	409012.3937314:	409012.4	3731494	0.000281764	0.000251546
409032.393:	409032.4	3731494	0.036277027	0.000101442	0.0363785	409032.3937314:	409032.4	3731494	0.000296043	0.00026429
409052.393:	409052.4	3731494	0.038313039	0.000106736	0.0384198	409052.3937314:	409052.4	3731494	0.000312594	0.000279123
409072.393:	409072.4	3731494	0.040481355	0.000112267	0.0405936	409072.3937314:	409072.4	3731494	0.000330204	0.00029492
409092.393:	409092.4	3731494	0.04295103	0.000118152	0.0430692	409092.3937314:	409092.4	3731494	0.000350195	0.000312913
409112.393:	409112.4	3731494	0.04574779	0.000124422	0.0458722	409112.3937314:	409112.4	3731494	0.000372771	0.000333288
409132.393:	409132.4	3731494	0.049301623	0.000131264	0.0494329	409132.3937314:	409132.4	3731494	0.000401278	0.000359179
409172.393:	409172.4	3731494	0.058889989	0.000147274	0.0590373	409172.3937314:	409172.4	3731494	0.000477799	0.000429033
409192.393:	409192.4	3731494	0.065795524	0.000157063	0.0659526	409192.3937314:	409192.4	3731494	0.000532631	0.000479342
409212.393:	409212.4	3731494	0.074303407	0.000168529	0.0744719	409212.3937314:	409212.4	3731494	0.000600092	0.000541325
409232.393:	409232.4	3731494	0.085549249	0.00018234	0.0857316	409232.3937314:	409232.4	3731494	0.000689047	0.000623255
409252.393:	409252.4	3731494	0.099114086	0.000198567	0.0993127	409252.3937314:	409252.4	3731494	0.000796277	0.000722079
409272.393:	409272.4	3731494	0.115527134	0.000217574	0.1157447	409272.3937314:	409272.4	3731494	0.000925922	0.000841654
409292.393:	409292.4	3731494	0.13646057	0.000241273	0.1367018	409292.3937314:	409292.4	3731494	0.001091186	0.000994161
409312.393:	409312.4	3731494	0.158217231	0.000267378	0.1584846	409312.3937314:	409312.4	3731494	0.001263185	0.001152665
409332.393:	409332.4	3731494	0.182094431	0.000296155	0.1823906	409332.3937314:	409332.4	3731494	0.001451968	0.001326618
409412.393:	409412.4	3731494	0.273332753	0.00042522	0.273758	409412.3937314:	409412.4	3731494	0.002176389	0.00199132
409432.393:	409432.4	3731494	0.289161459	0.00045797	0.2896194	409432.3937314:	409432.4	3731494	0.002303722	0.002106637
409452.393:	409452.4	3731494	0.299025458	0.000487279	0.2995127	409452.3937314:	409452.4	3731494	0.002384494	0.0021785
409472.393:	409472.4	3731494	0.303630373	0.000514655	0.304145	409472.3937314:	409472.4	3731494	0.00242439	0.002212048
409492.393:	409492.4	3731494	0.302950478	0.000539577	0.3034901	409492.3937314:	409492.4	3731494	0.002423127	0.002207095
409532.393:	409532.4	3731494	0.287853119	0.000580667	0.2884338	409532.3937314:	409532.4	3731494	0.002313232	0.002097106

409552.393:	409552.4	3731494	0.275486368	0.000597535	0.2760839	409552.3937314:	409552.4	3731494	0.002220531	0.00200701
409572.393:	409572.4	3731494	0.261311463	0.000612401	0.2619239	409572.3937314:	409572.4	3731494	0.002113562	0.001903741
409592.393:	409592.4	3731494	0.246203079	0.000625345	0.2468284	409592.3937314:	409592.4	3731494	0.001999086	0.001793671
409612.393:	409612.4	3731494	0.230708808	0.000635263	0.2313441	409612.3937314:	409612.4	3731494	0.00188115	0.00168079
409632.393:	409632.4	3731494	0.215541622	0.000642607	0.2161842	409632.3937314:	409632.4	3731494	0.001765325	0.001570292
409652.393:	409652.4	3731494	0.201274839	0.000649281	0.2019241	409652.3937314:	409652.4	3731494	0.001656339	0.001466354
409672.393:	409672.4	3731494	0.187963585	0.000654624	0.1886182	409672.3937314:	409672.4	3731494	0.001554511	0.001369377
409692.393:	409692.4	3731494	0.175596834	0.000657345	0.1762542	409692.3937314:	409692.4	3731494	0.00145955	0.001279281
409712.393:	409712.4	3731494	0.164211338	0.000657059	0.1648684	409712.3937314:	409712.4	3731494	0.001371678	0.001196334
409732.393:	409732.4	3731494	0.153770346	0.000653826	0.1544242	409732.3937314:	409732.4	3731494	0.001290621	0.001120268
409752.393:	409752.4	3731494	0.144170954	0.000647221	0.1448182	409752.3937314:	409752.4	3731494	0.001215517	0.001050333
409772.393:	409772.4	3731494	0.135321286	0.000636791	0.1359581	409772.3937314:	409772.4	3731494	0.001145586	0.000985861
409792.393:	409792.4	3731494	0.127133137	0.000622358	0.1277555	409792.3937314:	409792.4	3731494	0.001080117	0.000926207
408832.393:	408832.4	3731514	0.02286287	6.02937E-05	0.0229232	408832.3937315:	408832.4	3731514	0.000185994	0.000166564
408852.393:	408852.4	3731514	0.023612592	6.31428E-05	0.0236757	408852.3937315:	408852.4	3731514	0.000192232	0.000172026
408872.393:	408872.4	3731514	0.024417442	6.61298E-05	0.0244836	408872.3937315:	408872.4	3731514	0.000198918	0.000177889
408892.393:	408892.4	3731514	0.025281093	6.92451E-05	0.0253503	408892.3937315:	408892.4	3731514	0.000206078	0.000184181
408912.393:	408912.4	3731514	0.026214571	7.25082E-05	0.0262871	408912.3937315:	408912.4	3731514	0.0002138	0.000190982
408932.393:	408932.4	3731514	0.027228902	7.59488E-05	0.0273049	408932.3937315:	408932.4	3731514	0.000222174	0.000198372
408952.393:	408952.4	3731514	0.028294685	7.94879E-05	0.0283742	408952.3937315:	408952.4	3731514	0.000230961	0.000206136
408972.393:	408972.4	3731514	0.029489096	8.31454E-05	0.0295722	408972.3937315:	408972.4	3731514	0.000240759	0.000214838
408992.393:	408992.4	3731514	0.030834187	8.71183E-05	0.0309213	408992.3937315:	408992.4	3731514	0.000251769	0.000224637
409012.393:	409012.4	3731514	0.032355683	9.15052E-05	0.0324472	409012.3937315:	409012.4	3731514	0.000264207	0.000235722
409032.393:	409032.4	3731514	0.033965382	9.59218E-05	0.0340613	409032.3937315:	409032.4	3731514	0.000277329	0.000247449
409052.393:	409052.4	3731514	0.035854389	0.000100723	0.0359551	409052.3937315:	409052.4	3731514	0.000292668	0.000261211
409072.393:	409072.4	3731514	0.037842625	0.000105682	0.0379483	409072.3937315:	409072.4	3731514	0.000308797	0.000275696
409092.393:	409092.4	3731514	0.040124869	0.000110946	0.0402358	409092.3937315:	409092.4	3731514	0.000327243	0.000292323
409112.393:	409112.4	3731514	0.042675396	0.000116555	0.042792	409112.3937315:	409112.4	3731514	0.000347814	0.000310904
409132.393:	409132.4	3731514	0.045924195	0.000122668	0.0460469	409132.3937315:	409132.4	3731514	0.000373851	0.000334573
409312.393:	409312.4	3731514	0.142263572	0.000242466	0.142506	409312.3937315:	409312.4	3731514	0.001136141	0.001036437
409332.393:	409332.4	3731514	0.163160256	0.000267763	0.163428	409332.3937315:	409332.4	3731514	0.001301376	0.001188677
409412.393:	409412.4	3731514	0.245942146	0.000383805	0.246326	409412.3937315:	409412.4	3731514	0.001958485	0.00179177
409532.393:	409532.4	3731514	0.268591859	0.000529798	0.2691217	409532.3937315:	409532.4	3731514	0.002156526	0.001956781
409552.393:	409552.4	3731514	0.258672733	0.000545749	0.2592185	409552.3937315:	409552.4	3731514	0.002082559	0.001884517
409572.393:	409572.4	3731514	0.247114507	0.000561118	0.2476756	409572.3937315:	409572.4	3731514	0.001995856	0.001800311
409592.393:	409592.4	3731514	0.234303067	0.000574683	0.2348778	409592.3937315:	409592.4	3731514	0.001899197	0.001706976
409612.393:	409612.4	3731514	0.220609601	0.000584729	0.2211943	409612.3937315:	409612.4	3731514	0.001795172	0.001607214
409632.393:	409632.4	3731514	0.206916135	0.000592329	0.2075085	409632.3937315:	409632.4	3731514	0.001690757	0.001507453
409652.393:	409652.4	3731514	0.193865814	0.000599299	0.1944651	409652.3937315:	409652.4	3731514	0.001591202	0.001412377
409672.393:	409672.4	3731514	0.181572566	0.000605264	0.1821778	409672.3937315:	409672.4	3731514	0.001497326	0.001322816
409692.393:	409692.4	3731514	0.170032715	0.000608704	0.1706414	409692.3937315:	409692.4	3731514	0.001408858	0.001238745
409712.393:	409712.4	3731514	0.15933079	0.000609512	0.1599403	409712.3937315:	409712.4	3731514	0.001326434	0.001160778
409732.393:	409732.4	3731514	0.14946679	0.00060763	0.1500744	409732.3937315:	409732.4	3731514	0.001250044	0.001088915
409752.393:	409752.4	3731514	0.14039294	0.000602799	0.1409957	409752.3937315:	409752.4	3731514	0.001179277	0.001022809
409772.393:	409772.4	3731514	0.13201736	0.000594626	0.132612	409772.3937315:	409772.4	3731514	0.001113363	0.00096179
409792.393:	409792.4	3731514	0.124262875	0.000582895	0.1248458	409792.3937315:	409792.4	3731514	0.001051672	0.000905296

8550 Warner Mitigated Construction Health Risk Assessment

Maximum Individual Non-Cancer Impact Calculations - Sensitive Receptors (Maximum Impacted Senior Residential Receptor) (IMPACT AT ALL OTHER LOCATIONS ON THE PROJECT SITE WOULD BE LESS THAN SHOWN)

Maximum Non-cancer Chronic Hazards / Toxicological Endpoints*

Receptor Group	Pollutant	CREL ¹	CONC	WFrac	CONC _{WF}	HI		ALIM	BN	CVS	DEV	ENDC	EYE	HEM	IMMUN	KIDN	NS	REPRO	RESP	SK	
Project:																					
MEI - Max	DPM	5.00E+00	6.85E-02	1.00E+00	6.85E-02	0.014		-	-	-	-	-	-	-	-	-	-	-	1.37E-02	-	-
							Total Risk														
							Threshold				1.00			1.00						0.014	
							Over?				NO			NO					NO	NO	

Notes:

- CARB, "Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values," "OEHHA/ARB Approved Chronic Reference Exposure Levels and Target Organs," "OEHHA/ARB Approved Acute Reference Exposure Levels and Target Organs," and "OEHHA/ARB Approved 8-Hour Reference Exposure Levels and Target Organs," <http://www.arb.ca.gov/toxics/healthval/healthval.htm>. Tables last updated: May 8, 2018. Downloaded: 08/14/18.

Source: ESA, 2020

Where:

CONC _{WF}	Pollutant Concentration (µg/m ³) multiplied by the weight fraction
CREL	Chronic Reference Exposure Level
HI	Hazard Index
MEI	Maximally Exposed Individual
WFrac	Weight fraction of speciated component

* Key to Toxicological Endpoints

ALIM	Alimentary Tract	EYE	Eye	NS	Nervous System
BN	Bone	HEM	Hematologic System	REPRO	Reproductive System
CVS	Cardiovascular System	IMMUN	Immune System	RESP	Respiratory System
DEV	Developmental System	KIDN	Kidney	SK	Skin
ENDC	Endocrine System				

**

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** AERMOD Input Produced by:

** AERMOD View Ver. 13.0.0

** Lakes Environmental Software Inc.

** Date: 6/24/2025

** File: C:\25-17226\8550 Warner Ave\8550 Warner Ave.ADI

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** AERMOD Control Pathway

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**

CO STARTING

TITLEONE 8550 Warner Ave

TITLETWO Construction HRA

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

URBANOPT 3135755 Orange_County

POLLUTID OTHER

RUNORNOT RUN

ERRORFIL "8550 Warner Ave.err"

CO FINISHED

**

** AERMOD Source Pathway

*P*****

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION SITE AREAPOLY 409225.742 3731058.561 8.650

** DESCRSRC Site

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = HAUL

** DESCRSRC Haul

** PREFIX

** Length of Side = 30.00

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 6.80

** SZINIT = 3.16

** Nodes = 2

** 409224.175, 3731070.137, 8.76, 3.40, 13.95

** 409739.761, 3731067.519, 9.21, 3.40, 13.95

** -----

LOCATION L0000001	VOLUME	409239.174	3731070.060	8.81
LOCATION L0000002	VOLUME	409269.174	3731069.908	8.79
LOCATION L0000003	VOLUME	409299.174	3731069.756	8.83
LOCATION L0000004	VOLUME	409329.173	3731069.604	8.87
LOCATION L0000005	VOLUME	409359.173	3731069.451	8.91
LOCATION L0000006	VOLUME	409389.172	3731069.299	9.02
LOCATION L0000007	VOLUME	409419.172	3731069.147	9.01
LOCATION L0000008	VOLUME	409449.172	3731068.994	8.94
LOCATION L0000009	VOLUME	409479.171	3731068.842	8.92
LOCATION L0000010	VOLUME	409509.171	3731068.690	8.89
LOCATION L0000011	VOLUME	409539.170	3731068.538	8.92
LOCATION L0000012	VOLUME	409569.170	3731068.385	8.95
LOCATION L0000013	VOLUME	409599.170	3731068.233	8.97
LOCATION L0000014	VOLUME	409629.169	3731068.081	8.97
LOCATION L0000015	VOLUME	409659.169	3731067.928	8.96
LOCATION L0000016	VOLUME	409689.169	3731067.776	9.03
LOCATION L0000017	VOLUME	409719.168	3731067.624	9.09

** End of LINE VOLUME Source ID = HAUL

** Source Parameters **

SRCPARAM SITE	0.0001062893	5.000	4	1.400
AREAVERT SITE	409225.742	3731058.561	409346.334	3731058.809
AREAVERT SITE	409346.334	3730981.303	409223.761	3730981.303

** LINE VOLUME Source ID = HAUL

SRCPARAM L0000001	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000002	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000003	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000004	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000005	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000006	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000007	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000008	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000009	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000010	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000011	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000012	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000013	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000014	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000015	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000016	0.0588235294	3.40	13.95	3.16
SRCPARAM L0000017	0.0588235294	3.40	13.95	3.16

** -----

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 2"

** WeekDays:

EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SITE	HRDOW 1.0 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SITE	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT SITE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT L0000001 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000001 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000001 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000001 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000002 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000002 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000004 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000006 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000006 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000007 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000007 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000007 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000008 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000008 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000009 HRDOW 1.0 1.0 1.0 1.0 0.0 0.0

EMISFACT L0000012 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP HAUL L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP HAUL L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP HAUL L0000013 L0000014 L0000015 L0000016 L0000017
SRCGROUP SITE SITE

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "8550 Warner Ave.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE ksna_sfc_pfl\KSNA_V11_trimmed.sfc

PROFILE ksna_sfc_pfl\KSNA_V11_trimmed.pfl

SURFDATA 93184 2019

UAIRDATA 3190 2019

PROFBASE 17.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 HAUL 1ST "8550 Warner Ave.AD\01H1G001.PLT" 31

PLOTFILE 1 SITE 1ST "8550 Warner Ave.AD\01H1G002.PLT" 32

PLOTFILE PERIOD HAUL "8550 Warner Ave.AD\PE00G001.PLT" 33

PLOTFILE PERIOD SITE "8550 Warner Ave.AD\PE00G002.PLT" 34

SUMMFILE "8550 Warner Ave.sum"

OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186 346 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 346 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 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 18 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 3135755.0 ; Urban Roughness Length = 1.000 m

* Urban Roughness Length of 1.0 Meter Used.

* ADJ_U* - Use ADJ_U* option for SBL in AERMET

* CCVR_Sub - Meteorological data includes CCVR substitutions

* 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: 18 Source(s); 2 Source Group(s); and 1141 Receptor(s)

with: 0 POINT(s), including

0 POINTCAP(s) and 0 POINTHOR(s)

and: 17 VOLUME source(s)

and: 1 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: 22112

**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) = 17.00 ; 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 = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 8550 Warner Ave.err

**File for Summary of Results: 8550 Warner Ave.sum

*** AERMOD - VERSION 24142 *** ** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE	AIRCRAFT		
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR	VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY		
L0000001	0	0.58824E-01	409239.2	3731070.1	8.8	3.40	13.95	3.16	YES	HRDOW NO
L0000002	0	0.58824E-01	409269.2	3731069.9	8.8	3.40	13.95	3.16	YES	HRDOW NO
L0000003	0	0.58824E-01	409299.2	3731069.8	8.8	3.40	13.95	3.16	YES	HRDOW NO
L0000004	0	0.58824E-01	409329.2	3731069.6	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000005	0	0.58824E-01	409359.2	3731069.5	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000006	0	0.58824E-01	409389.2	3731069.3	9.0	3.40	13.95	3.16	YES	HRDOW NO
L0000007	0	0.58824E-01	409419.2	3731069.1	9.0	3.40	13.95	3.16	YES	HRDOW NO
L0000008	0	0.58824E-01	409449.2	3731069.0	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000009	0	0.58824E-01	409479.2	3731068.8	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000010	0	0.58824E-01	409509.2	3731068.7	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000011	0	0.58824E-01	409539.2	3731068.5	8.9	3.40	13.95	3.16	YES	HRDOW NO
L0000012	0	0.58824E-01	409569.2	3731068.4	9.0	3.40	13.95	3.16	YES	HRDOW NO

L0000013 0 0.58824E-01 409599.2 3731068.2 9.0 3.40 13.95 3.16 YES HRDOW NO
 L0000014 0 0.58824E-01 409629.2 3731068.1 9.0 3.40 13.95 3.16 YES HRDOW NO
 L0000015 0 0.58824E-01 409659.2 3731067.9 9.0 3.40 13.95 3.16 YES HRDOW NO
 L0000016 0 0.58824E-01 409689.2 3731067.8 9.0 3.40 13.95 3.16 YES HRDOW NO
 L0000017 0 0.58824E-01 409719.2 3731067.6 9.1 3.40 13.95 3.16 YES HRDOW NO

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

NUMBER	EMISSION RATE	LOCATION OF AREA	BASE	RELEASE NUMBER	INIT.	URBAN EMISSION RATE	AIRCRAFT
SOURCE	PART. (GRAMS/SEC	X	Y	ELEV.	HEIGHT OF VERTS.	SZ	SOURCE SCALAR VARY
ID	CATS. /METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

 SITE 0 0.10629E-03 409225.7 3731058.6 8.7 5.00 4 1.40 YES HRDOW NO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-------------	------------

HAUL L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
 L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
 L0000017 ,

SITE SITE ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs

3135755. SITE , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 ,
L0000007 ,

L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 ,

L0000016 , L0000017 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = SITE ; 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01

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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HRDOW HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR 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 .1000E+01

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

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*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR 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 .1000E+01
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

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(408826.9, 3730582.4, 7.9, 7.9, 0.0); (408846.9, 3730582.4, 7.9, 7.9, 0.0);
(408866.9, 3730582.4, 7.8, 7.8, 0.0); (409066.9, 3730582.4, 7.7, 7.7, 0.0);
(409086.9, 3730582.4, 8.3, 8.3, 0.0); (409106.9, 3730582.4, 8.0, 8.0, 0.0);
(409126.9, 3730582.4, 8.2, 8.2, 0.0); (409175.1, 3730584.1, 8.1, 8.1, 0.0);
(409235.1, 3730584.1, 8.3, 8.3, 0.0); (409275.1, 3730584.1, 8.5, 8.5, 0.0);
(409315.1, 3730584.1, 8.2, 8.2, 0.0); (409335.1, 3730584.1, 8.6, 8.6, 0.0);
(409428.5, 3730594.0, 9.0, 9.0, 0.0); (409472.4, 3730594.0, 8.7, 8.7, 0.0);
(409523.3, 3730595.3, 8.9, 8.9, 0.0); (409572.4, 3730594.0, 8.8, 8.8, 0.0);
(409592.4, 3730594.0, 8.7, 8.7, 0.0); (409612.4, 3730594.0, 8.7, 8.7, 0.0);
(409632.4, 3730594.0, 8.8, 8.8, 0.0); (409652.4, 3730594.0, 8.9, 8.9, 0.0);
(409672.4, 3730594.0, 8.8, 8.8, 0.0); (409692.4, 3730594.0, 8.8, 8.8, 0.0);
(409712.4, 3730594.0, 8.8, 8.8, 0.0); (409732.4, 3730594.0, 8.8, 8.8, 0.0);
(409752.4, 3730594.0, 8.6, 8.6, 0.0); (409772.4, 3730594.0, 8.3, 8.3, 0.0);
(408826.9, 3730602.4, 7.8, 7.8, 0.0); (408846.9, 3730602.4, 7.8, 7.8, 0.0);
(408866.9, 3730602.4, 7.8, 7.8, 0.0); (408906.9, 3730602.4, 8.1, 8.1, 0.0);
(408926.9, 3730602.4, 8.0, 8.0, 0.0); (408946.9, 3730602.4, 7.9, 7.9, 0.0);
(408966.9, 3730602.4, 7.8, 7.8, 0.0); (408986.9, 3730602.4, 7.8, 7.8, 0.0);
(409006.9, 3730602.4, 8.0, 8.0, 0.0); (409026.9, 3730602.4, 8.2, 8.2, 0.0);
(409046.9, 3730602.4, 7.9, 7.9, 0.0); (409066.9, 3730602.4, 7.7, 7.7, 0.0);
(409086.9, 3730602.4, 8.2, 8.2, 0.0); (409106.9, 3730602.4, 8.0, 8.0, 0.0);

(409126.9, 3730602.4, 8.2, 8.2, 0.0); (409175.1, 3730604.1, 8.1, 8.1, 0.0);
(409235.1, 3730604.1, 8.2, 8.2, 0.0); (409275.1, 3730604.1, 8.2, 8.2, 0.0);
(409315.1, 3730604.1, 8.1, 8.1, 0.0); (409335.1, 3730604.1, 8.5, 8.5, 0.0);
(409428.5, 3730614.0, 9.0, 9.0, 0.0); (409572.4, 3730614.0, 8.6, 8.6, 0.0);
(409592.4, 3730614.0, 8.6, 8.6, 0.0); (409612.4, 3730614.0, 8.6, 8.6, 0.0);
(409632.4, 3730614.0, 8.7, 8.7, 0.0); (409652.4, 3730614.0, 8.7, 8.7, 0.0);
(409672.4, 3730614.0, 8.7, 8.7, 0.0); (409692.4, 3730614.0, 8.7, 8.7, 0.0);
(409712.4, 3730614.0, 8.8, 8.8, 0.0); (409732.4, 3730614.0, 8.8, 8.8, 0.0);
(409752.4, 3730614.0, 8.6, 8.6, 0.0); (409772.4, 3730614.0, 8.2, 8.2, 0.0);
(409251.2, 3730720.4, 8.0, 8.0, 0.0); (409175.1, 3730624.1, 8.1, 8.1, 0.0);
(409315.1, 3730624.1, 8.0, 8.0, 0.0); (409335.1, 3730624.1, 8.5, 8.5, 0.0);
(409428.5, 3730634.0, 9.1, 9.1, 0.0); (409472.4, 3730634.0, 8.9, 8.9, 0.0);
(409492.4, 3730634.0, 9.0, 9.0, 0.0); (409512.4, 3730634.0, 8.9, 8.9, 0.0);
(409572.4, 3730634.0, 8.6, 8.6, 0.0); (409592.4, 3730634.0, 8.5, 8.5, 0.0);
(409612.4, 3730634.0, 8.5, 8.5, 0.0); (409632.4, 3730634.0, 8.6, 8.6, 0.0);
(409652.4, 3730634.0, 8.6, 8.6, 0.0); (409672.4, 3730634.0, 8.7, 8.7, 0.0);
(409692.4, 3730634.0, 8.7, 8.7, 0.0); (409712.4, 3730634.0, 8.8, 8.8, 0.0);
(409732.4, 3730634.0, 8.8, 8.8, 0.0); (409752.4, 3730634.0, 8.7, 8.7, 0.0);
(409772.4, 3730634.0, 8.3, 8.3, 0.0); (409251.2, 3730740.4, 8.4, 8.4, 0.0);
(408825.6, 3730653.4, 7.9, 7.9, 0.0); (408845.6, 3730653.4, 7.8, 7.8, 0.0);
(408865.6, 3730653.4, 7.9, 7.9, 0.0); (408885.6, 3730653.4, 7.2, 7.2, 0.0);
(408905.6, 3730653.4, 7.7, 7.7, 0.0); (408925.6, 3730653.4, 7.7, 7.7, 0.0);
(408945.6, 3730653.4, 7.8, 7.8, 0.0); (408965.6, 3730653.4, 7.8, 7.8, 0.0);
(408985.6, 3730653.4, 7.8, 7.8, 0.0); (409005.6, 3730653.4, 7.9, 7.9, 0.0);
(409025.6, 3730653.4, 8.1, 8.1, 0.0); (409045.6, 3730653.4, 8.1, 8.1, 0.0);

*** AERMOD - VERSION 24142 *** ** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** ** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409065.6, 3730653.4, 8.1, 8.1, 0.0); (409085.6, 3730653.4, 8.1, 8.1, 0.0);
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(409175.1, 3730644.1, 8.1, 8.1, 0.0); (409215.1, 3730644.1, 7.7, 7.7, 0.0);

(409235.1, 3730644.1, 8.1, 8.1, 0.0); (409255.1, 3730644.1, 8.2, 8.2, 0.0);
(409275.1, 3730644.1, 8.3, 8.3, 0.0); (409295.1, 3730644.1, 8.2, 8.2, 0.0);
(409315.1, 3730644.1, 8.3, 8.3, 0.0); (409335.1, 3730644.1, 8.5, 8.5, 0.0);
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(409492.4, 3730654.0, 9.1, 9.1, 0.0); (409512.4, 3730654.0, 9.0, 9.0, 0.0);
(409572.4, 3730654.0, 8.5, 8.5, 0.0); (409592.4, 3730654.0, 8.5, 8.5, 0.0);
(409612.4, 3730654.0, 8.6, 8.6, 0.0); (409632.4, 3730654.0, 8.6, 8.6, 0.0);
(409652.4, 3730654.0, 8.7, 8.7, 0.0); (409672.4, 3730654.0, 8.7, 8.7, 0.0);
(409692.4, 3730654.0, 8.8, 8.8, 0.0); (409712.4, 3730654.0, 8.8, 8.8, 0.0);
(409732.4, 3730654.0, 8.9, 8.9, 0.0); (409752.4, 3730654.0, 8.7, 8.7, 0.0);
(409772.4, 3730654.0, 8.3, 8.3, 0.0); (409251.2, 3730760.4, 8.5, 8.5, 0.0);
(409175.1, 3730664.1, 8.1, 8.1, 0.0); (409428.5, 3730674.0, 9.1, 9.1, 0.0);
(409472.4, 3730674.0, 9.0, 9.0, 0.0); (409492.4, 3730674.0, 9.2, 9.2, 0.0);
(409512.4, 3730674.0, 9.0, 9.0, 0.0); (409572.4, 3730674.0, 8.9, 8.9, 0.0);
(409592.4, 3730674.0, 9.1, 9.1, 0.0); (409612.4, 3730674.0, 9.0, 9.0, 0.0);
(409632.4, 3730674.0, 9.0, 9.0, 0.0); (409652.4, 3730674.0, 9.0, 9.0, 0.0);
(409672.4, 3730674.0, 9.0, 9.0, 0.0); (409692.4, 3730674.0, 9.1, 9.1, 0.0);
(409712.4, 3730674.0, 9.0, 9.0, 0.0); (409732.4, 3730674.0, 9.1, 9.1, 0.0);
(409752.4, 3730674.0, 8.9, 8.9, 0.0); (409772.4, 3730674.0, 8.3, 8.3, 0.0);
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(408846.9, 3730682.4, 7.8, 7.8, 0.0); (408866.9, 3730682.4, 7.7, 7.7, 0.0);
(408886.9, 3730682.4, 7.1, 7.1, 0.0); (408906.9, 3730682.4, 7.7, 7.7, 0.0);
(408926.9, 3730682.4, 7.7, 7.7, 0.0); (408946.9, 3730682.4, 7.6, 7.6, 0.0);
(408966.9, 3730682.4, 7.7, 7.7, 0.0); (408986.9, 3730682.4, 7.6, 7.6, 0.0);
(409006.9, 3730682.4, 7.8, 7.8, 0.0); (409026.9, 3730682.4, 7.8, 7.8, 0.0);
(409046.9, 3730682.4, 7.8, 7.8, 0.0); (409066.9, 3730682.4, 8.0, 8.0, 0.0);
(409086.9, 3730682.4, 8.1, 8.1, 0.0); (409106.9, 3730682.4, 8.0, 8.0, 0.0);
(409126.9, 3730682.4, 7.8, 7.8, 0.0); (409175.1, 3730684.1, 8.0, 8.0, 0.0);
(409215.1, 3730684.1, 7.8, 7.8, 0.0); (409235.1, 3730684.1, 8.2, 8.2, 0.0);
(409255.1, 3730684.1, 8.4, 8.4, 0.0); (409275.1, 3730684.1, 8.3, 8.3, 0.0);
(409295.1, 3730684.1, 8.4, 8.4, 0.0); (409315.1, 3730684.1, 8.6, 8.6, 0.0);
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(409492.4, 3730694.0, 9.2, 9.2, 0.0); (409512.4, 3730694.0, 8.9, 8.9, 0.0);
(409572.4, 3730694.0, 8.8, 8.8, 0.0); (409592.4, 3730694.0, 9.1, 9.1, 0.0);
(409612.4, 3730694.0, 9.0, 9.0, 0.0); (409652.4, 3730694.0, 8.9, 8.9, 0.0);
(409672.4, 3730694.0, 8.9, 8.9, 0.0); (409692.4, 3730694.0, 8.9, 8.9, 0.0);
(409712.4, 3730694.0, 8.9, 8.9, 0.0); (409732.4, 3730694.0, 9.0, 9.0, 0.0);

(409772.4, 3730694.0, 8.4, 8.4, 0.0); (409251.2, 3730800.4, 8.5, 8.5, 0.0);
(409175.1, 3730704.1, 8.0, 8.0, 0.0); (409322.0, 3730701.6, 8.4, 8.4, 0.0);
(409428.5, 3730714.0, 9.2, 9.2, 0.0); (409472.4, 3730714.0, 9.2, 9.2, 0.0);
(409492.4, 3730714.0, 9.3, 9.3, 0.0); (409512.4, 3730714.0, 8.8, 8.8, 0.0);
(409572.4, 3730714.0, 8.8, 8.8, 0.0); (409592.4, 3730714.0, 9.1, 9.1, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409612.4, 3730714.0, 8.8, 8.8, 0.0); (409732.4, 3730714.0, 9.0, 9.0, 0.0);
(409772.4, 3730714.0, 8.4, 8.4, 0.0); (409251.2, 3730820.4, 8.5, 8.5, 0.0);
(408826.9, 3730722.4, 7.9, 7.9, 0.0); (408846.9, 3730722.4, 7.8, 7.8, 0.0);
(408886.9, 3730722.4, 7.6, 7.6, 0.0); (408906.9, 3730722.4, 6.8, 6.8, 0.0);
(408926.9, 3730722.4, 7.7, 7.7, 0.0); (408966.9, 3730722.4, 7.6, 7.6, 0.0);
(408986.9, 3730722.4, 7.7, 7.7, 0.0); (409006.9, 3730722.4, 7.7, 7.7, 0.0);
(409026.9, 3730722.4, 7.7, 7.7, 0.0); (409046.9, 3730722.4, 7.7, 7.7, 0.0);
(409066.9, 3730722.4, 7.8, 7.8, 0.0); (409086.9, 3730722.4, 7.8, 7.8, 0.0);
(409106.9, 3730722.4, 7.8, 7.8, 0.0); (409126.9, 3730722.4, 7.9, 7.9, 0.0);
(409175.1, 3730724.1, 8.1, 8.1, 0.0); (409226.6, 3730720.2, 7.9, 7.9, 0.0);
(409276.0, 3730720.5, 8.1, 8.1, 0.0); (409322.0, 3730721.6, 8.3, 8.3, 0.0);
(409428.5, 3730734.0, 9.2, 9.2, 0.0); (409472.4, 3730734.0, 9.1, 9.1, 0.0);
(409492.4, 3730734.0, 9.3, 9.3, 0.0); (409512.4, 3730734.0, 8.9, 8.9, 0.0);
(409572.4, 3730734.0, 8.8, 8.8, 0.0); (409592.4, 3730734.0, 9.1, 9.1, 0.0);
(409612.4, 3730734.0, 8.8, 8.8, 0.0); (409652.4, 3730734.0, 8.9, 8.9, 0.0);
(409692.4, 3730734.0, 8.9, 8.9, 0.0); (409732.4, 3730734.0, 9.0, 9.0, 0.0);
(409772.4, 3730734.0, 8.5, 8.5, 0.0); (409251.2, 3730840.4, 8.6, 8.6, 0.0);
(408826.9, 3730742.4, 8.1, 8.1, 0.0); (408846.9, 3730742.4, 7.8, 7.8, 0.0);
(408886.9, 3730742.4, 8.0, 8.0, 0.0); (408906.9, 3730742.4, 6.5, 7.8, 0.0);
(408926.9, 3730742.4, 7.8, 7.8, 0.0); (408966.9, 3730742.4, 7.8, 7.8, 0.0);
(408986.9, 3730742.4, 7.9, 7.9, 0.0); (409006.9, 3730742.4, 7.9, 7.9, 0.0);
(409026.9, 3730742.4, 8.0, 8.0, 0.0); (409046.9, 3730742.4, 8.0, 8.0, 0.0);
(409066.9, 3730742.4, 8.1, 8.1, 0.0); (409086.9, 3730742.4, 8.1, 8.1, 0.0);

(409106.9, 3730742.4, 8.2, 8.2, 0.0); (409126.9, 3730742.4, 8.2, 8.2, 0.0);
(409175.1, 3730744.1, 8.1, 8.1, 0.0); (409226.6, 3730740.2, 8.2, 8.2, 0.0);
(409276.0, 3730740.5, 8.4, 8.4, 0.0); (409322.0, 3730741.6, 8.4, 8.4, 0.0);
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(409492.4, 3730754.0, 9.2, 9.2, 0.0); (409512.4, 3730754.0, 8.7, 8.7, 0.0);
(409552.4, 3730754.0, 8.4, 8.4, 0.0); (409572.4, 3730754.0, 8.7, 8.7, 0.0);
(409592.4, 3730754.0, 8.9, 8.9, 0.0); (409612.4, 3730754.0, 8.7, 8.7, 0.0);
(409652.4, 3730754.0, 8.9, 8.9, 0.0); (409692.4, 3730754.0, 8.8, 8.8, 0.0);
(409732.4, 3730754.0, 8.9, 8.9, 0.0); (409772.4, 3730754.0, 8.5, 8.5, 0.0);
(409251.2, 3730860.4, 8.6, 8.6, 0.0); (408826.9, 3730762.4, 8.1, 8.1, 0.0);
(408846.9, 3730762.4, 7.9, 7.9, 0.0); (408886.9, 3730762.4, 7.9, 7.9, 0.0);
(408926.9, 3730762.4, 7.9, 7.9, 0.0); (408966.9, 3730762.4, 7.9, 7.9, 0.0);
(408986.9, 3730762.4, 8.0, 8.0, 0.0); (409006.9, 3730762.4, 8.0, 8.0, 0.0);
(409026.9, 3730762.4, 8.0, 8.0, 0.0); (409046.9, 3730762.4, 8.0, 8.0, 0.0);
(409066.9, 3730762.4, 8.0, 8.0, 0.0); (409086.9, 3730762.4, 8.2, 8.2, 0.0);
(409106.9, 3730762.4, 8.2, 8.2, 0.0); (409126.9, 3730762.4, 8.2, 8.2, 0.0);
(409175.1, 3730764.1, 8.2, 8.2, 0.0); (409226.6, 3730760.2, 8.2, 8.2, 0.0);
(409276.0, 3730760.5, 8.6, 8.6, 0.0); (409322.0, 3730761.6, 8.5, 8.5, 0.0);
(409432.4, 3730774.0, 9.3, 9.3, 0.0); (409452.4, 3730774.0, 9.2, 9.2, 0.0);
(409472.4, 3730774.0, 9.3, 9.3, 0.0); (409492.4, 3730774.0, 9.2, 9.2, 0.0);
(409512.4, 3730774.0, 8.7, 8.7, 0.0); (409552.4, 3730774.0, 8.4, 8.4, 0.0);
(409572.4, 3730774.0, 8.7, 8.7, 0.0); (409592.4, 3730774.0, 8.9, 8.9, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409612.4, 3730774.0, 8.7, 8.7, 0.0); (409652.4, 3730774.0, 8.9, 8.9, 0.0);
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(409692.4, 3730794.0, 8.8, 8.8, 0.0); (409732.4, 3730794.0, 8.9, 8.9, 0.0);
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(409492.4, 3730814.0, 8.8, 8.8, 0.0); (409512.4, 3730814.0, 8.7, 8.7, 0.0);
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(409592.4, 3730814.0, 8.9, 8.9, 0.0); (409612.4, 3730814.0, 8.7, 8.7, 0.0);
(409652.4, 3730814.0, 8.8, 8.8, 0.0); (409692.4, 3730814.0, 8.8, 8.8, 0.0);
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(409251.2, 3730920.4, 8.5, 8.5, 0.0); (408826.9, 3730822.4, 8.2, 8.2, 0.0);
(408846.9, 3730822.4, 7.9, 7.9, 0.0); (408886.9, 3730822.4, 8.0, 8.0, 0.0);
(408926.9, 3730822.4, 8.0, 8.0, 0.0); (408966.9, 3730822.4, 8.0, 8.0, 0.0);
(408986.9, 3730822.4, 8.1, 8.1, 0.0); (409006.9, 3730822.4, 8.1, 8.1, 0.0);
(409026.9, 3730822.4, 8.1, 8.1, 0.0); (409046.9, 3730822.4, 8.2, 8.2, 0.0);
(409066.9, 3730822.4, 8.2, 8.2, 0.0); (409086.9, 3730822.4, 8.3, 8.3, 0.0);
(409106.9, 3730822.4, 8.3, 8.3, 0.0); (409126.9, 3730822.4, 8.3, 8.3, 0.0);
(409175.1, 3730824.1, 8.2, 8.2, 0.0); (409226.6, 3730820.2, 8.3, 8.3, 0.0);
(409276.0, 3730820.5, 8.6, 8.6, 0.0); (409322.0, 3730821.6, 8.6, 8.6, 0.0);
(409412.4, 3730834.0, 8.7, 8.7, 0.0); (409432.4, 3730834.0, 8.5, 8.5, 0.0);
(409472.4, 3730834.0, 8.5, 8.5, 0.0); (409492.4, 3730834.0, 8.8, 8.8, 0.0);
(409512.4, 3730834.0, 8.7, 8.7, 0.0); (409552.4, 3730834.0, 8.3, 8.3, 0.0);
(409572.4, 3730834.0, 8.7, 8.7, 0.0); (409592.4, 3730834.0, 8.9, 8.9, 0.0);
(409612.4, 3730834.0, 8.7, 8.7, 0.0); (409652.4, 3730834.0, 8.8, 8.8, 0.0);

(409692.4, 3730834.0, 8.9, 8.9, 0.0); (408826.9, 3730842.4, 8.2, 8.2, 0.0);

(408846.9, 3730842.4, 7.9, 7.9, 0.0); (408886.9, 3730842.4, 8.0, 8.0, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(408926.9, 3730842.4, 7.9, 7.9, 0.0); (408966.9, 3730842.4, 7.9, 7.9, 0.0);

(408986.9, 3730842.4, 8.0, 8.0, 0.0); (409006.9, 3730842.4, 7.9, 7.9, 0.0);

(409026.9, 3730842.4, 7.9, 7.9, 0.0); (409046.9, 3730842.4, 8.0, 8.0, 0.0);

(409066.9, 3730842.4, 8.1, 8.1, 0.0); (409086.9, 3730842.4, 8.1, 8.1, 0.0);

(409106.9, 3730842.4, 8.1, 8.1, 0.0); (409126.9, 3730842.4, 8.1, 8.1, 0.0);

(409175.1, 3730844.1, 8.2, 8.2, 0.0); (409226.6, 3730840.2, 8.4, 8.4, 0.0);

(409276.0, 3730840.5, 8.7, 8.7, 0.0); (409322.0, 3730841.6, 8.6, 8.6, 0.0);

(409412.4, 3730854.0, 8.7, 8.7, 0.0); (409432.4, 3730854.0, 8.6, 8.6, 0.0);

(409472.4, 3730854.0, 8.6, 8.6, 0.0); (409492.4, 3730854.0, 8.7, 8.7, 0.0);

(409512.4, 3730854.0, 8.6, 8.6, 0.0); (409552.4, 3730854.0, 8.3, 8.3, 0.0);

(409572.4, 3730854.0, 8.7, 8.7, 0.0); (409592.4, 3730854.0, 8.8, 8.8, 0.0);

(409612.4, 3730854.0, 8.6, 8.6, 0.0); (409652.4, 3730854.0, 8.8, 8.8, 0.0);

(409692.4, 3730854.0, 8.7, 8.7, 0.0); (409732.4, 3730854.0, 8.8, 8.8, 0.0);

(409752.4, 3730854.0, 8.8, 8.8, 0.0); (409772.4, 3730854.0, 8.8, 8.8, 0.0);

(408826.9, 3730862.4, 8.2, 8.2, 0.0); (408846.9, 3730862.4, 7.8, 7.8, 0.0);

(408886.9, 3730862.4, 8.0, 8.0, 0.0); (408926.9, 3730862.4, 7.8, 7.8, 0.0);

(409226.6, 3730860.2, 8.5, 8.5, 0.0); (409276.0, 3730860.5, 8.7, 8.7, 0.0);

(409322.0, 3730861.6, 8.6, 8.6, 0.0); (409432.4, 3730874.0, 8.7, 8.7, 0.0);

(409472.4, 3730874.0, 8.5, 8.5, 0.0); (409492.4, 3730874.0, 8.7, 8.7, 0.0);

(409512.4, 3730874.0, 8.6, 8.6, 0.0); (409552.4, 3730874.0, 8.2, 8.2, 0.0);

(409572.4, 3730874.0, 8.7, 8.7, 0.0); (409592.4, 3730874.0, 8.8, 8.8, 0.0);

(409612.4, 3730874.0, 8.6, 8.6, 0.0); (409652.4, 3730874.0, 8.7, 8.7, 0.0);

(409692.4, 3730874.0, 8.7, 8.7, 0.0); (409732.4, 3730874.0, 8.8, 8.8, 0.0);

(408826.9, 3730882.4, 8.2, 8.2, 0.0); (408846.9, 3730882.4, 7.8, 7.8, 0.0);

(408886.9, 3730882.4, 8.0, 8.0, 0.0); (408926.9, 3730882.4, 7.9, 7.9, 0.0);

(408966.9, 3730882.4, 7.9, 7.9, 0.0); (408986.9, 3730882.4, 8.0, 8.0, 0.0);

(409006.9, 3730882.4, 7.9, 7.9, 0.0); (409026.9, 3730882.4, 8.0, 8.0, 0.0);
(409046.9, 3730882.4, 7.7, 7.7, 0.0); (409066.9, 3730882.4, 7.8, 7.8, 0.0);
(409086.9, 3730882.4, 8.1, 8.1, 0.0); (409106.9, 3730882.4, 8.1, 8.1, 0.0);
(409126.9, 3730882.4, 8.1, 8.1, 0.0); (409175.1, 3730884.1, 8.3, 8.3, 0.0);
(409226.6, 3730880.2, 8.5, 8.5, 0.0); (409276.0, 3730880.5, 8.7, 8.7, 0.0);
(409322.0, 3730881.6, 8.7, 8.7, 0.0); (409432.4, 3730894.0, 8.5, 8.5, 0.0);
(409472.4, 3730894.0, 8.5, 8.5, 0.0); (409492.4, 3730894.0, 8.7, 8.7, 0.0);
(409512.4, 3730894.0, 8.6, 8.6, 0.0); (409552.4, 3730894.0, 8.2, 8.2, 0.0);
(409572.4, 3730894.0, 8.6, 8.6, 0.0); (409592.4, 3730894.0, 8.7, 8.7, 0.0);
(409612.4, 3730894.0, 8.6, 8.6, 0.0); (409652.4, 3730894.0, 8.7, 8.7, 0.0);
(409672.4, 3730894.0, 8.9, 8.9, 0.0); (409692.4, 3730894.0, 8.7, 8.7, 0.0);
(409732.4, 3730894.0, 8.9, 8.9, 0.0); (408826.9, 3730902.4, 8.2, 8.2, 0.0);
(408846.9, 3730902.4, 7.8, 7.8, 0.0); (408886.9, 3730902.4, 8.0, 8.0, 0.0);
(408926.9, 3730902.4, 7.8, 7.8, 0.0); (408966.9, 3730902.4, 8.0, 8.0, 0.0);
(408986.9, 3730902.4, 8.1, 8.1, 0.0); (409006.9, 3730902.4, 8.1, 8.1, 0.0);
(409026.9, 3730902.4, 8.1, 8.1, 0.0); (409046.9, 3730902.4, 7.6, 7.6, 0.0);
(409066.9, 3730902.4, 7.8, 7.8, 0.0); (409086.9, 3730902.4, 8.2, 8.2, 0.0);
(409175.1, 3730904.1, 8.4, 8.4, 0.0); (409226.6, 3730900.2, 8.4, 8.4, 0.0);
(409276.0, 3730900.5, 8.7, 8.7, 0.0); (409322.0, 3730901.6, 8.7, 8.7, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409412.4, 3730914.0, 8.5, 8.5, 0.0); (409432.4, 3730914.0, 8.5, 8.5, 0.0);
(409472.4, 3730914.0, 8.5, 8.5, 0.0); (409492.4, 3730914.0, 8.5, 8.5, 0.0);
(409512.4, 3730914.0, 8.5, 8.5, 0.0); (409552.4, 3730914.0, 8.2, 8.2, 0.0);
(409572.4, 3730914.0, 8.5, 8.5, 0.0); (409592.4, 3730914.0, 8.6, 8.6, 0.0);
(409612.4, 3730914.0, 8.5, 8.5, 0.0); (409652.4, 3730914.0, 8.6, 8.6, 0.0);
(409692.4, 3730914.0, 8.6, 8.6, 0.0); (409732.4, 3730914.0, 8.8, 8.8, 0.0);
(408826.9, 3730922.4, 8.2, 8.2, 0.0); (408846.9, 3730922.4, 7.8, 7.8, 0.0);
(408886.9, 3730922.4, 8.0, 8.0, 0.0); (408926.9, 3730922.4, 7.8, 7.8, 0.0);
(408966.9, 3730922.4, 7.6, 7.6, 0.0); (408986.9, 3730922.4, 7.7, 7.7, 0.0);

(409006.9, 3730922.4, 7.9, 7.9, 0.0); (409026.9, 3730922.4, 8.1, 8.1, 0.0);
(409046.9, 3730922.4, 7.7, 7.7, 0.0); (409066.9, 3730922.4, 7.7, 7.7, 0.0);
(409086.9, 3730922.4, 8.1, 8.1, 0.0); (409175.1, 3730924.1, 8.4, 8.4, 0.0);
(409226.6, 3730920.2, 8.3, 8.3, 0.0); (409276.0, 3730920.5, 8.5, 8.5, 0.0);
(409322.0, 3730921.6, 8.6, 8.6, 0.0); (409342.0, 3730921.6, 8.7, 8.7, 0.0);
(409732.4, 3730934.0, 8.8, 8.8, 0.0); (408826.9, 3730942.4, 8.2, 8.2, 0.0);
(408846.9, 3730942.4, 7.8, 7.8, 0.0); (408886.9, 3730942.4, 8.0, 8.0, 0.0);
(408926.9, 3730942.4, 7.8, 7.8, 0.0); (408966.9, 3730942.4, 7.4, 7.4, 0.0);
(408986.9, 3730942.4, 7.5, 7.5, 0.0); (409006.9, 3730942.4, 8.0, 8.0, 0.0);
(409026.9, 3730942.4, 8.0, 8.0, 0.0); (409046.9, 3730942.4, 7.6, 7.6, 0.0);
(409066.9, 3730942.4, 7.6, 7.6, 0.0); (409086.9, 3730942.4, 8.1, 8.1, 0.0);
(409175.1, 3730944.1, 8.5, 8.5, 0.0); (409412.4, 3730954.0, 8.6, 8.6, 0.0);
(409432.4, 3730954.0, 8.5, 8.5, 0.0); (409452.4, 3730954.0, 8.5, 8.5, 0.0);
(409472.4, 3730954.0, 8.5, 8.5, 0.0); (409517.0, 3730961.6, 8.3, 8.3, 0.0);
(409537.0, 3730961.6, 8.4, 8.4, 0.0); (409557.0, 3730961.6, 8.4, 8.4, 0.0);
(409577.0, 3730961.6, 8.5, 8.5, 0.0); (409597.0, 3730961.6, 8.5, 8.5, 0.0);
(409617.0, 3730961.6, 8.5, 8.5, 0.0); (409637.0, 3730961.6, 8.6, 8.6, 0.0);
(409657.0, 3730961.6, 8.5, 8.5, 0.0); (409677.0, 3730961.6, 8.6, 8.6, 0.0);
(409697.0, 3730961.6, 8.7, 8.7, 0.0); (409717.0, 3730961.6, 8.8, 8.8, 0.0);
(409732.4, 3730954.0, 8.8, 8.8, 0.0); (408826.9, 3730962.4, 8.2, 8.2, 0.0);
(408846.9, 3730962.4, 7.8, 7.8, 0.0); (408886.9, 3730962.4, 7.9, 7.9, 0.0);
(408926.9, 3730962.4, 7.8, 7.8, 0.0); (408966.9, 3730962.4, 7.8, 7.8, 0.0);
(408986.9, 3730962.4, 7.9, 7.9, 0.0); (409006.9, 3730962.4, 8.1, 8.1, 0.0);
(409026.9, 3730962.4, 8.1, 8.1, 0.0); (409046.9, 3730962.4, 7.6, 7.6, 0.0);
(409066.9, 3730962.4, 7.6, 7.6, 0.0); (409086.9, 3730962.4, 8.0, 8.0, 0.0);
(409195.1, 3730964.1, 8.7, 8.7, 0.0); (409215.1, 3730964.1, 8.8, 8.8, 0.0);
(409235.1, 3730964.1, 8.8, 8.8, 0.0); (409255.1, 3730964.1, 8.8, 8.8, 0.0);
(409275.1, 3730964.1, 8.9, 8.9, 0.0); (409295.1, 3730964.1, 8.9, 8.9, 0.0);
(409315.1, 3730964.1, 8.9, 8.9, 0.0); (409335.1, 3730964.1, 8.9, 8.9, 0.0);
(409472.4, 3730974.0, 8.6, 8.6, 0.0); (408826.9, 3730982.4, 8.0, 8.0, 0.0);
(408846.9, 3730982.4, 7.8, 7.8, 0.0); (408886.9, 3730982.4, 7.9, 7.9, 0.0);
(408926.9, 3730982.4, 7.9, 7.9, 0.0); (408966.9, 3730982.4, 7.9, 7.9, 0.0);
(408986.9, 3730982.4, 8.0, 8.0, 0.0); (409006.9, 3730982.4, 8.0, 8.0, 0.0);
(409026.9, 3730982.4, 8.1, 8.1, 0.0); (409046.9, 3730982.4, 7.6, 7.6, 0.0);
(409066.9, 3730982.4, 7.6, 7.6, 0.0); (409086.9, 3730982.4, 8.0, 8.0, 0.0);
(409412.4, 3730994.0, 8.9, 8.9, 0.0); (409432.4, 3730994.0, 8.9, 8.9, 0.0);

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409452.4, 3730994.0, 8.8, 8.8, 0.0); (409472.4, 3730994.0, 8.6, 8.6, 0.0);
(408826.9, 3731002.4, 7.6, 7.6, 0.0); (408846.9, 3731002.4, 7.5, 7.5, 0.0);
(408886.9, 3731002.4, 7.6, 7.6, 0.0); (408926.9, 3731002.4, 7.4, 7.4, 0.0);
(408966.9, 3731002.4, 7.5, 7.5, 0.0); (408986.9, 3731002.4, 7.5, 7.5, 0.0);
(409006.9, 3731002.4, 7.6, 7.6, 0.0); (409026.9, 3731002.4, 7.7, 7.7, 0.0);
(409046.9, 3731002.4, 7.5, 7.5, 0.0); (409066.9, 3731002.4, 7.5, 7.5, 0.0);
(409086.9, 3731002.4, 8.1, 8.1, 0.0); (409086.9, 3731022.4, 8.0, 8.0, 0.0);
(408819.0, 3731039.3, 8.1, 8.1, 0.0); (408839.0, 3731039.3, 8.0, 8.0, 0.0);
(408859.0, 3731039.3, 7.8, 7.8, 0.0); (408879.0, 3731039.3, 7.8, 7.8, 0.0);
(408899.0, 3731039.3, 7.7, 7.7, 0.0); (408919.0, 3731039.3, 7.8, 7.8, 0.0);
(408939.0, 3731039.3, 8.2, 8.2, 0.0); (408959.0, 3731039.3, 8.8, 8.8, 0.0);
(408979.0, 3731039.3, 8.5, 8.5, 0.0); (408999.0, 3731039.3, 8.1, 8.1, 0.0);
(409019.0, 3731039.3, 8.0, 8.0, 0.0); (409039.0, 3731039.3, 7.9, 7.9, 0.0);
(409059.0, 3731039.3, 7.9, 7.9, 0.0); (409076.6, 3731038.5, 8.0, 8.0, 0.0);
(408952.4, 3731094.0, 8.6, 8.6, 0.0); (408972.4, 3731094.0, 8.6, 8.6, 0.0);
(409012.4, 3731094.0, 8.7, 8.7, 0.0); (409032.4, 3731094.0, 8.7, 8.7, 0.0);
(409052.4, 3731094.0, 8.8, 8.8, 0.0); (409072.4, 3731094.0, 8.8, 8.8, 0.0);
(409333.0, 3731097.2, 9.2, 9.2, 0.0); (408952.4, 3731114.0, 8.7, 8.7, 0.0);
(408972.4, 3731114.0, 8.7, 8.7, 0.0); (409012.4, 3731114.0, 8.8, 8.8, 0.0);
(409032.4, 3731114.0, 8.9, 8.9, 0.0); (409052.4, 3731114.0, 9.0, 9.0, 0.0);
(409072.4, 3731114.0, 9.0, 9.0, 0.0); (409112.5, 3731137.5, 9.1, 9.1, 0.0);
(409172.4, 3731114.0, 9.1, 9.1, 0.0); (409192.4, 3731114.0, 9.1, 9.1, 0.0);
(409212.4, 3731114.0, 9.1, 9.1, 0.0); (409232.4, 3731114.0, 9.2, 9.2, 0.0);
(409252.4, 3731114.0, 9.2, 9.2, 0.0); (409272.4, 3731114.0, 9.3, 9.3, 0.0);
(409292.4, 3731114.0, 9.1, 9.1, 0.0); (409333.0, 3731117.2, 9.3, 9.3, 0.0);
(409472.4, 3731114.0, 8.7, 8.7, 0.0); (409492.4, 3731114.0, 8.8, 8.8, 0.0);
(409532.4, 3731114.0, 9.1, 9.1, 0.0); (409572.4, 3731114.0, 8.8, 8.8, 0.0);
(409592.4, 3731114.0, 8.7, 8.7, 0.0); (409612.4, 3731114.0, 8.8, 8.8, 0.0);
(409632.4, 3731114.0, 8.8, 8.8, 0.0); (409652.4, 3731114.0, 8.9, 8.9, 0.0);

(409672.4, 3731114.0, 9.0, 9.0, 0.0); (409692.4, 3731114.0, 8.8, 8.8, 0.0);
(408952.4, 3731134.0, 8.8, 8.8, 0.0); (408972.4, 3731134.0, 8.7, 8.7, 0.0);
(409012.4, 3731134.0, 8.9, 8.9, 0.0); (409032.4, 3731134.0, 9.0, 9.0, 0.0);
(409052.4, 3731134.0, 9.1, 9.1, 0.0); (409072.4, 3731134.0, 9.1, 9.1, 0.0);
(409333.0, 3731137.2, 9.3, 9.3, 0.0); (409472.4, 3731134.0, 9.2, 9.2, 0.0);
(409492.4, 3731134.0, 9.1, 9.1, 0.0); (409532.4, 3731134.0, 9.1, 9.1, 0.0);
(409552.4, 3731134.0, 9.0, 9.0, 0.0); (409572.4, 3731134.0, 8.8, 8.8, 0.0);
(409612.4, 3731134.0, 8.4, 8.4, 0.0); (409632.4, 3731134.0, 8.4, 8.4, 0.0);
(409652.4, 3731134.0, 8.4, 8.4, 0.0); (409672.4, 3731134.0, 8.4, 8.4, 0.0);
(409692.4, 3731134.0, 8.6, 8.6, 0.0); (409712.4, 3731134.0, 8.9, 8.9, 0.0);
(409732.4, 3731134.0, 9.0, 9.0, 0.0); (408952.4, 3731154.0, 8.8, 8.8, 0.0);
(408972.4, 3731154.0, 8.6, 8.6, 0.0); (409012.4, 3731154.0, 8.8, 8.8, 0.0);
(409032.4, 3731154.0, 9.0, 9.0, 0.0); (409052.4, 3731154.0, 9.0, 9.0, 0.0);
(409072.4, 3731154.0, 9.0, 9.0, 0.0); (409092.4, 3731154.0, 9.0, 9.0, 0.0);
(409112.4, 3731154.0, 9.0, 9.0, 0.0); (409172.4, 3731154.0, 9.2, 9.2, 0.0);
(409192.4, 3731154.0, 9.2, 9.2, 0.0); (409212.4, 3731154.0, 9.2, 9.2, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409232.4, 3731154.0, 9.2, 9.2, 0.0); (409252.4, 3731154.0, 9.1, 9.1, 0.0);
(409272.4, 3731154.0, 9.2, 9.2, 0.0); (409292.4, 3731154.0, 9.0, 9.0, 0.0);
(409333.0, 3731157.2, 9.3, 9.3, 0.0); (409432.4, 3731154.0, 8.3, 8.7, 0.0);
(409452.4, 3731154.0, 8.9, 8.9, 0.0); (409472.4, 3731154.0, 9.1, 9.1, 0.0);
(409492.4, 3731154.0, 9.0, 9.0, 0.0); (409532.4, 3731154.0, 9.0, 9.0, 0.0);
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(409292.4, 3731194.0, 8.9, 8.9, 0.0); (409333.0, 3731197.2, 9.2, 9.2, 0.0);
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(408972.4, 3731234.0, 8.5, 8.5, 0.0); (409012.4, 3731234.0, 8.8, 8.8, 0.0);
(409032.4, 3731234.0, 8.9, 8.9, 0.0); (409052.4, 3731234.0, 9.0, 9.0, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409072.4, 3731234.0, 9.0, 9.0, 0.0); (409092.4, 3731234.0, 9.2, 9.2, 0.0);
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(409172.4, 3731234.0, 8.7, 8.7, 0.0); (409192.4, 3731234.0, 8.8, 8.8, 0.0);
(409212.4, 3731234.0, 8.9, 8.9, 0.0); (409232.4, 3731234.0, 8.9, 8.9, 0.0);
(409252.4, 3731234.0, 8.9, 8.9, 0.0); (409272.4, 3731234.0, 9.0, 9.0, 0.0);
(409292.4, 3731234.0, 8.9, 8.9, 0.0); (409312.4, 3731234.0, 9.0, 9.0, 0.0);
(409332.4, 3731234.0, 9.3, 9.3, 0.0); (409432.4, 3731234.0, 8.6, 9.0, 0.0);
(409452.4, 3731234.0, 9.1, 9.1, 0.0); (409472.4, 3731234.0, 9.1, 9.1, 0.0);
(409492.4, 3731234.0, 8.9, 8.9, 0.0); (409532.4, 3731234.0, 9.0, 9.0, 0.0);
(409552.4, 3731234.0, 9.1, 9.1, 0.0); (409572.4, 3731234.0, 8.9, 8.9, 0.0);
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(409072.4, 3731254.0, 8.8, 8.8, 0.0); (409092.4, 3731254.0, 9.1, 9.1, 0.0);
(409112.4, 3731254.0, 9.3, 9.3, 0.0); (409132.4, 3731254.0, 9.2, 9.2, 0.0);
(409172.4, 3731254.0, 9.0, 9.0, 0.0); (409192.4, 3731254.0, 9.2, 9.2, 0.0);
(409212.4, 3731254.0, 9.2, 9.2, 0.0); (409232.4, 3731254.0, 9.2, 9.2, 0.0);
(409252.4, 3731254.0, 9.1, 9.1, 0.0); (409272.4, 3731254.0, 9.2, 9.2, 0.0);
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(409492.4, 3731254.0, 8.9, 8.9, 0.0); (409532.4, 3731254.0, 9.1, 9.1, 0.0);
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(409612.4, 3731254.0, 8.9, 8.9, 0.0); (409632.4, 3731254.0, 9.0, 9.0, 0.0);
(409652.4, 3731254.0, 9.1, 9.1, 0.0); (409672.4, 3731254.0, 9.1, 9.1, 0.0);
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(409632.4, 3731274.0, 9.2, 9.2, 0.0); (409652.4, 3731274.0, 9.3, 9.3, 0.0);
(409672.4, 3731274.0, 9.3, 9.3, 0.0); (409692.4, 3731274.0, 9.4, 9.4, 0.0);
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(408852.4, 3731314.0, 8.6, 8.6, 0.0); (408872.4, 3731314.0, 8.8, 8.8, 0.0);
(408892.4, 3731314.0, 8.7, 8.7, 0.0); (408912.4, 3731314.0, 8.6, 8.6, 0.0);
(408932.4, 3731314.0, 8.6, 8.6, 0.0); (408952.4, 3731314.0, 8.6, 8.6, 0.0);
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(409012.4, 3731314.0, 8.7, 8.7, 0.0); (409032.4, 3731314.0, 8.8, 8.8, 0.0);
(409052.4, 3731314.0, 8.9, 8.9, 0.0); (409072.4, 3731314.0, 8.9, 8.9, 0.0);
(409092.4, 3731314.0, 8.9, 8.9, 0.0); (409112.4, 3731314.0, 9.1, 9.1, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409132.4, 3731314.0, 9.0, 9.0, 0.0); (409172.4, 3731314.0, 9.0, 9.0, 0.0);
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(409232.4, 3731314.0, 9.0, 9.0, 0.0); (409252.4, 3731314.0, 9.1, 9.1, 0.0);
(409272.4, 3731314.0, 9.1, 9.1, 0.0); (409292.4, 3731314.0, 9.1, 9.1, 0.0);
(409312.4, 3731314.0, 9.1, 9.1, 0.0); (409332.4, 3731314.0, 9.3, 9.3, 0.0);
(409432.4, 3731314.0, 9.3, 9.3, 0.0); (409452.4, 3731314.0, 9.4, 9.4, 0.0);
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(409532.4, 3731314.0, 9.2, 9.2, 0.0); (409552.4, 3731314.0, 9.3, 9.3, 0.0);
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(408892.4, 3731354.0, 8.7, 8.7, 0.0); (408932.4, 3731354.0, 9.1, 9.1, 0.0);
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(409292.4, 3731354.0, 8.9, 8.9, 0.0); (409332.4, 3731354.0, 9.4, 9.4, 0.0);
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(409232.4, 3731374.0, 9.2, 9.2, 0.0); (409252.4, 3731374.0, 9.3, 9.3, 0.0);
(409272.4, 3731374.0, 9.2, 9.2, 0.0); (409292.4, 3731374.0, 9.2, 9.2, 0.0);
(409332.4, 3731374.0, 9.4, 9.4, 0.0); (409412.4, 3731374.0, 9.4, 9.4, 0.0);
(409432.4, 3731374.0, 9.3, 9.3, 0.0); (409452.4, 3731374.0, 9.2, 9.2, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

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(409572.4, 3731374.0, 9.1, 9.1, 0.0); (409612.4, 3731374.0, 9.3, 9.3, 0.0);
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(409672.4, 3731374.0, 9.4, 9.4, 0.0); (409692.4, 3731374.0, 9.4, 9.4, 0.0);
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(408852.4, 3731394.0, 8.7, 8.7, 0.0); (408872.4, 3731394.0, 8.9, 8.9, 0.0);
(408892.4, 3731394.0, 8.8, 8.8, 0.0); (408932.4, 3731394.0, 9.2, 9.2, 0.0);
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(409092.4, 3731414.0, 9.1, 9.1, 0.0); (409112.4, 3731414.0, 9.5, 9.5, 0.0);
(409132.4, 3731414.0, 9.2, 9.2, 0.0); (409172.4, 3731414.0, 9.1, 9.1, 0.0);
(409192.4, 3731414.0, 9.2, 9.2, 0.0); (409212.4, 3731414.0, 9.2, 9.2, 0.0);
(409232.4, 3731414.0, 9.2, 9.2, 0.0); (409252.4, 3731414.0, 9.2, 9.2, 0.0);
(409272.4, 3731414.0, 9.2, 9.2, 0.0); (409292.4, 3731414.0, 9.1, 9.1, 0.0);
(409332.4, 3731414.0, 9.4, 9.4, 0.0); (409412.4, 3731414.0, 9.7, 9.7, 0.0);
(409432.4, 3731414.0, 9.6, 9.6, 0.0); (409452.4, 3731414.0, 9.5, 9.5, 0.0);
(409472.4, 3731414.0, 9.5, 9.5, 0.0); (409492.4, 3731414.0, 9.2, 9.2, 0.0);
(409532.4, 3731414.0, 9.4, 9.4, 0.0); (409552.4, 3731414.0, 9.4, 9.4, 0.0);
(409572.4, 3731414.0, 9.5, 9.5, 0.0); (409592.4, 3731414.0, 9.4, 9.4, 0.0);
(409612.4, 3731414.0, 9.5, 9.5, 0.0); (409632.4, 3731414.0, 9.5, 9.5, 0.0);
(409652.4, 3731414.0, 9.5, 9.5, 0.0); (409672.4, 3731414.0, 9.5, 9.5, 0.0);
(409692.4, 3731414.0, 9.6, 9.6, 0.0); (409712.4, 3731414.0, 9.6, 9.6, 0.0);

(409732.4, 3731414.0, 9.6, 9.6, 0.0); (408852.4, 3731434.0, 8.7, 8.7, 0.0);
(408872.4, 3731434.0, 9.0, 9.0, 0.0); (408892.4, 3731434.0, 8.9, 8.9, 0.0);
(408932.4, 3731434.0, 9.3, 9.3, 0.0); (408952.4, 3731434.0, 9.8, 9.8, 0.0);
(408992.4, 3731434.0, 9.4, 9.4, 0.0); (409012.4, 3731434.0, 9.6, 9.6, 0.0);
(409032.4, 3731434.0, 9.3, 9.3, 0.0); (409072.4, 3731434.0, 9.1, 9.1, 0.0);
(409092.4, 3731434.0, 9.2, 9.2, 0.0); (409112.4, 3731434.0, 9.5, 9.5, 0.0);
(409132.4, 3731434.0, 9.3, 9.3, 0.0); (409332.4, 3731434.0, 9.4, 9.4, 0.0);
(409412.4, 3731434.0, 9.6, 9.6, 0.0); (409432.4, 3731434.0, 9.4, 9.4, 0.0);
(409532.4, 3731434.0, 9.5, 9.5, 0.0); (409552.4, 3731434.0, 9.7, 9.7, 0.0);
(409572.4, 3731434.0, 9.9, 9.9, 0.0); (409592.4, 3731434.0, 9.8, 9.8, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409612.4, 3731434.0, 9.8, 9.8, 0.0); (409632.4, 3731434.0, 9.8, 9.8, 0.0);
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(409692.4, 3731434.0, 9.6, 9.6, 0.0); (409712.4, 3731434.0, 9.6, 9.6, 0.0);
(409732.4, 3731434.0, 9.5, 9.5, 0.0); (408852.4, 3731454.0, 8.7, 8.7, 0.0);
(408872.4, 3731454.0, 9.0, 9.0, 0.0); (408892.4, 3731454.0, 8.9, 8.9, 0.0);
(408932.4, 3731454.0, 9.3, 9.3, 0.0); (408952.4, 3731454.0, 9.7, 9.7, 0.0);
(408992.4, 3731454.0, 9.4, 9.4, 0.0); (409012.4, 3731454.0, 9.7, 9.7, 0.0);
(409032.4, 3731454.0, 9.5, 9.5, 0.0); (409072.4, 3731454.0, 9.3, 9.3, 0.0);
(409092.4, 3731454.0, 9.4, 9.4, 0.0); (409112.4, 3731454.0, 9.5, 9.5, 0.0);
(409132.4, 3731454.0, 9.3, 9.3, 0.0); (409172.4, 3731454.0, 9.3, 9.3, 0.0);
(409192.4, 3731454.0, 9.3, 9.3, 0.0); (409212.4, 3731454.0, 9.3, 9.3, 0.0);
(409232.4, 3731454.0, 9.3, 9.3, 0.0); (409252.4, 3731454.0, 9.4, 9.4, 0.0);
(409272.4, 3731454.0, 9.4, 9.4, 0.0); (409292.4, 3731454.0, 9.2, 9.2, 0.0);
(409332.4, 3731454.0, 9.5, 9.5, 0.0); (409412.4, 3731454.0, 9.6, 9.6, 0.0);
(409432.4, 3731454.0, 9.7, 9.7, 0.0); (409452.4, 3731454.0, 9.6, 9.6, 0.0);
(409472.4, 3731454.0, 9.6, 9.6, 0.0); (409492.4, 3731454.0, 9.5, 9.5, 0.0);
(409532.4, 3731454.0, 9.6, 9.6, 0.0); (409552.4, 3731454.0, 9.9, 9.9, 0.0);
(409572.4, 3731454.0, 10.0, 10.0, 0.0); (409592.4, 3731454.0, 9.9, 9.9, 0.0);

(409612.4, 3731454.0, 9.9, 9.9, 0.0); (409632.4, 3731454.0, 9.9, 9.9, 0.0);
(409652.4, 3731454.0, 9.9, 9.9, 0.0); (409672.4, 3731454.0, 9.6, 9.6, 0.0);
(409692.4, 3731454.0, 9.6, 9.6, 0.0); (409712.4, 3731454.0, 9.5, 9.5, 0.0);
(409732.4, 3731454.0, 9.4, 9.4, 0.0); (409072.4, 3731474.0, 9.4, 9.4, 0.0);
(409092.4, 3731474.0, 9.3, 9.3, 0.0); (409112.4, 3731474.0, 9.5, 9.5, 0.0);
(409132.4, 3731474.0, 9.2, 9.2, 0.0); (409172.4, 3731474.0, 9.4, 9.4, 0.0);
(409192.4, 3731474.0, 9.4, 9.4, 0.0); (409212.4, 3731474.0, 9.4, 9.4, 0.0);
(409232.4, 3731474.0, 9.5, 9.5, 0.0); (409252.4, 3731474.0, 9.5, 9.5, 0.0);
(409272.4, 3731474.0, 9.6, 9.6, 0.0); (409292.4, 3731474.0, 9.2, 9.2, 0.0);
(409312.4, 3731474.0, 9.2, 9.2, 0.0); (409332.4, 3731474.0, 9.5, 9.5, 0.0);
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(409452.4, 3731474.0, 10.0, 10.0, 0.0); (409472.4, 3731474.0, 9.9, 9.9, 0.0);
(409492.4, 3731474.0, 9.7, 9.7, 0.0); (409532.4, 3731474.0, 9.6, 9.6, 0.0);
(409552.4, 3731474.0, 9.6, 9.6, 0.0); (409572.4, 3731474.0, 9.6, 9.6, 0.0);
(409592.4, 3731474.0, 9.7, 9.7, 0.0); (409612.4, 3731474.0, 9.8, 9.8, 0.0);
(409632.4, 3731474.0, 9.9, 9.9, 0.0); (409652.4, 3731474.0, 9.9, 9.9, 0.0);
(409672.4, 3731474.0, 9.7, 9.7, 0.0); (409692.4, 3731474.0, 9.5, 9.5, 0.0);
(409712.4, 3731474.0, 9.5, 9.5, 0.0); (409732.4, 3731474.0, 9.5, 9.5, 0.0);
(409772.4, 3731474.0, 9.5, 9.5, 0.0); (409792.4, 3731474.0, 9.5, 9.5, 0.0);
(408832.4, 3731494.0, 8.6, 8.6, 0.0); (408852.4, 3731494.0, 8.7, 8.7, 0.0);
(408872.4, 3731494.0, 8.8, 8.8, 0.0); (408892.4, 3731494.0, 8.8, 8.8, 0.0);
(408912.4, 3731494.0, 9.0, 9.0, 0.0); (408932.4, 3731494.0, 9.0, 9.0, 0.0);
(408952.4, 3731494.0, 9.3, 9.3, 0.0); (408972.4, 3731494.0, 9.4, 9.4, 0.0);
(408992.4, 3731494.0, 9.5, 9.5, 0.0); (409012.4, 3731494.0, 9.4, 9.4, 0.0);
(409032.4, 3731494.0, 9.4, 9.4, 0.0); (409052.4, 3731494.0, 9.0, 9.0, 0.0);
(409072.4, 3731494.0, 9.2, 9.2, 0.0); (409092.4, 3731494.0, 9.2, 9.2, 0.0);
(409112.4, 3731494.0, 9.4, 9.4, 0.0); (409132.4, 3731494.0, 9.2, 9.2, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(409172.4, 3731494.0, 9.2, 9.2, 0.0); (409192.4, 3731494.0, 9.2, 9.2, 0.0);

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(409252.4, 3731494.0, 9.4, 9.4, 0.0); (409272.4, 3731494.0, 9.6, 9.6, 0.0);
(409292.4, 3731494.0, 9.1, 9.1, 0.0); (409312.4, 3731494.0, 9.4, 9.4, 0.0);
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(409432.4, 3731494.0, 9.8, 9.8, 0.0); (409452.4, 3731494.0, 9.9, 9.9, 0.0);
(409472.4, 3731494.0, 9.9, 9.9, 0.0); (409492.4, 3731494.0, 9.8, 9.8, 0.0);
(409532.4, 3731494.0, 9.8, 9.8, 0.0); (409552.4, 3731494.0, 9.8, 9.8, 0.0);
(409572.4, 3731494.0, 9.7, 9.7, 0.0); (409592.4, 3731494.0, 9.5, 9.5, 0.0);
(409612.4, 3731494.0, 9.7, 9.7, 0.0); (409632.4, 3731494.0, 10.0, 10.0, 0.0);
(409652.4, 3731494.0, 10.1, 10.1, 0.0); (409672.4, 3731494.0, 9.8, 9.8, 0.0);
(409692.4, 3731494.0, 9.5, 9.5, 0.0); (409712.4, 3731494.0, 9.5, 9.5, 0.0);
(409732.4, 3731494.0, 9.5, 9.5, 0.0); (409752.4, 3731494.0, 9.5, 9.5, 0.0);
(409772.4, 3731494.0, 9.5, 9.5, 0.0); (409792.4, 3731494.0, 9.5, 9.5, 0.0);
(408832.4, 3731514.0, 8.8, 8.8, 0.0); (408852.4, 3731514.0, 8.9, 8.9, 0.0);
(408872.4, 3731514.0, 9.0, 9.0, 0.0); (408892.4, 3731514.0, 9.1, 9.1, 0.0);
(408912.4, 3731514.0, 9.2, 9.2, 0.0); (408932.4, 3731514.0, 9.2, 9.2, 0.0);
(408952.4, 3731514.0, 9.5, 9.5, 0.0); (408972.4, 3731514.0, 9.6, 9.6, 0.0);
(408992.4, 3731514.0, 9.6, 9.6, 0.0); (409012.4, 3731514.0, 9.5, 9.5, 0.0);
(409032.4, 3731514.0, 9.5, 9.5, 0.0); (409052.4, 3731514.0, 9.0, 9.0, 0.0);
(409072.4, 3731514.0, 9.2, 9.2, 0.0); (409092.4, 3731514.0, 9.2, 9.2, 0.0);
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(409412.4, 3731514.0, 9.8, 9.8, 0.0); (409532.4, 3731514.0, 9.9, 9.9, 0.0);
(409552.4, 3731514.0, 10.1, 10.1, 0.0); (409572.4, 3731514.0, 9.8, 9.8, 0.0);
(409592.4, 3731514.0, 9.5, 9.5, 0.0); (409612.4, 3731514.0, 9.6, 9.6, 0.0);
(409632.4, 3731514.0, 10.0, 10.0, 0.0); (409652.4, 3731514.0, 10.1, 10.1, 0.0);
(409672.4, 3731514.0, 9.8, 9.8, 0.0); (409692.4, 3731514.0, 9.6, 9.6, 0.0);
(409712.4, 3731514.0, 9.5, 9.5, 0.0); (409732.4, 3731514.0, 9.5, 9.5, 0.0);
(409752.4, 3731514.0, 9.5, 9.5, 0.0); (409772.4, 3731514.0, 9.5, 9.5, 0.0);
(409792.4, 3731514.0, 9.4, 9.4, 0.0);

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE -- RECEPTOR LOCATION -- DISTANCE

ID XR (METERS) YR (METERS) (METERS)

L0000004 409333.0 3731097.2 -2.10

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 111111

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ksna_sfc_pfl\KSNA_V11_trimmed.sfc

Met Version: 22112

Profile file: ksna_sfc_pfl\KSNA_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184

Upper air station no.: 3190

Name: UNKNOWN

Name: UNKNOWN

Year: 2019

Year: 2019

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 REFTA HT

19	01	01	101	-64.0	0.841	-9.000	-9.000	-999.1845.	839.3	0.15	0.73	1.00	7.52	56.	5.8	285.3	2.0
19	01	01	102	-64.0	0.817	-9.000	-9.000	-999.1775.	769.7	0.15	0.73	1.00	7.31	50.	5.8	284.2	2.0
19	01	01	103	-64.0	0.967	-9.000	-9.000	-999.2270.	1275.9	0.15	0.73	1.00	8.62	56.	5.8	284.2	2.0
19	01	01	104	-64.0	0.785	-9.000	-9.000	-999.1718.	682.5	0.15	0.73	1.00	7.03	48.	5.8	283.8	2.0
19	01	01	105	-64.0	0.894	-9.000	-9.000	-999.2020.	1008.7	0.15	0.73	1.00	7.98	44.	5.8	283.8	2.0
19	01	01	106	-64.0	0.700	-9.000	-9.000	-999.1457.	539.5	0.15	0.73	1.00	6.30	59.	5.8	283.8	2.0
19	01	01	107	-64.0	0.672	-9.000	-9.000	-999.1328.	497.4	0.15	0.73	1.00	6.06	53.	5.8	283.8	2.0
19	01	01	108	-63.3	0.837	-9.000	-9.000	-999.1831.	839.3	0.15	0.73	0.53	7.48	41.	5.8	284.2	2.0
19	01	01	109	22.5	0.533	0.435	0.005	133.1044.	-610.7	0.04	0.73	0.31	6.55	69.	5.8	284.8	2.0
19	01	01	110	63.6	1.124	0.737	0.006	228.2860.	-2029.4	0.15	0.73	0.24	10.32	53.	5.8	286.4	2.0
19	01	01	111	92.2	0.849	1.149	0.006	598.1993.	-602.1	0.15	0.73	0.21	7.74	38.	5.8	287.5	2.0
19	01	01	112	106.0	0.917	1.344	0.007	831.2104.	-660.3	0.15	0.73	0.20	8.37	44.	5.8	287.5	2.0
19	01	01	113	104.9	1.023	1.391	0.005	932.2472.	-925.5	0.15	0.73	0.20	9.36	37.	5.8	288.1	2.0
19	01	01	114	88.8	0.983	1.352	0.006	1010.2348.	-971.1	0.15	0.73	0.21	9.00	45.	5.8	288.8	2.0
19	01	01	115	58.3	0.783	1.193	0.005	1058.1724.	-745.8	0.15	0.73	0.24	7.15	42.	5.8	289.2	2.0
19	01	01	116	15.8	0.719	0.776	0.005	1069.1475.	-2128.7	0.15	0.73	0.33	6.60	46.	5.8	288.8	2.0
19	01	01	117	-44.5	0.501	-9.000	-9.000	-999.906.	276.3	0.04	0.73	0.60	6.28	63.	5.8	287.0	2.0
19	01	01	118	-34.3	0.345	-9.000	-9.000	-999.513.	130.6	0.04	0.73	1.00	4.39	88.	5.8	285.9	2.0
19	01	01	119	-51.0	0.511	-9.000	-9.000	-999.876.	287.0	0.26	0.73	1.00	3.73	97.	5.8	285.3	2.0
19	01	01	120	-57.5	0.576	-9.000	-9.000	-999.1047.	364.6	0.15	0.73	1.00	5.21	54.	5.8	285.3	2.0
19	01	01	121	-42.3	0.423	-9.000	-9.000	-999.681.	196.5	0.04	0.73	1.00	5.34	69.	5.8	284.8	2.0
19	01	01	122	-37.8	0.377	-9.000	-9.000	-999.559.	156.6	0.26	0.73	1.00	2.79	106.	5.8	284.8	2.0
19	01	01	123	-52.0	0.522	-9.000	-9.000	-999.904.	299.6	0.39	0.73	1.00	3.08	356.	5.8	285.9	2.0
19	01	01	124	-64.0	0.648	-9.000	-9.000	-999.1250.	461.9	0.15	0.73	1.00	5.85	45.	5.8	285.9	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

19 01 01 01 5.8 1 56. 7.52 285.4 99.0 -99.00 -99.00

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408826.88	3730582.43	0.05719	408846.88	3730582.43	0.05910
408866.88	3730582.43	0.06101	409066.88	3730582.43	0.07889
409086.88	3730582.43	0.08041	409106.88	3730582.43	0.08187
409126.88	3730582.43	0.08326	409175.15	3730584.08	0.08685
409235.15	3730584.08	0.08998	409275.15	3730584.08	0.09154
409315.15	3730584.08	0.09265	409335.15	3730584.08	0.09301
409428.52	3730594.00	0.09729	409472.39	3730594.00	0.09635
409523.35	3730595.29	0.09499	409572.39	3730594.00	0.09183
409592.39	3730594.00	0.09053	409612.39	3730594.00	0.08911
409632.39	3730594.00	0.08756	409652.39	3730594.00	0.08590
409672.39	3730594.00	0.08413	409692.39	3730594.00	0.08226
409712.39	3730594.00	0.08030	409732.39	3730594.00	0.07826
409752.39	3730594.00	0.07616	409772.39	3730594.00	0.07400
408826.88	3730602.43	0.05943	408846.88	3730602.43	0.06155

408866.88	3730602.43	0.06369	408906.88	3730602.43	0.06802
408926.88	3730602.43	0.07018	408946.88	3730602.43	0.07233
408966.88	3730602.43	0.07444	408986.88	3730602.43	0.07652
409006.88	3730602.43	0.07855	409026.88	3730602.43	0.08054
409046.88	3730602.43	0.08247	409066.88	3730602.43	0.08434
409086.88	3730602.43	0.08614	409106.88	3730602.43	0.08788
409126.88	3730602.43	0.08955	409175.15	3730604.08	0.09384
409235.15	3730604.08	0.09770	409275.15	3730604.08	0.09967
409315.15	3730604.08	0.10109	409335.15	3730604.08	0.10157
409428.52	3730614.00	0.10662	409572.39	3730614.00	0.10023
409592.39	3730614.00	0.09871	409612.39	3730614.00	0.09705
409632.39	3730614.00	0.09525	409652.39	3730614.00	0.09332
409672.39	3730614.00	0.09127	409692.39	3730614.00	0.08910
409712.39	3730614.00	0.08683	409732.39	3730614.00	0.08448
409752.39	3730614.00	0.08206	409772.39	3730614.00	0.07958
409251.24	3730720.44	0.17027	409175.15	3730624.08	0.10161
409315.15	3730624.08	0.11067	409335.15	3730624.08	0.11130
409428.52	3730634.00	0.11731	409472.39	3730634.00	0.11607
409492.39	3730634.00	0.11518	409512.39	3730634.00	0.11410
409572.39	3730634.00	0.10980	409592.39	3730634.00	0.10802
409612.39	3730634.00	0.10608	409632.39	3730634.00	0.10397
409652.39	3730634.00	0.10172	409672.39	3730634.00	0.09933
409692.39	3730634.00	0.09681	409712.39	3730634.00	0.09418
409732.39	3730634.00	0.09146	409752.39	3730634.00	0.08866
409772.39	3730634.00	0.08581	409251.24	3730740.44	0.18943
408825.58	3730653.45	0.06514	408845.58	3730653.45	0.06789

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408865.58	3730653.45	0.07072	408885.58	3730653.45	0.07361
408905.58	3730653.45	0.07657	408925.58	3730653.45	0.07957
408945.58	3730653.45	0.08259	408965.58	3730653.45	0.08562
408985.58	3730653.45	0.08864	409005.58	3730653.45	0.09164
409025.58	3730653.45	0.09460	409045.58	3730653.45	0.09752
409065.58	3730653.45	0.10038	409085.58	3730653.45	0.10317
409105.58	3730653.45	0.10590	409125.58	3730653.45	0.10854
409175.15	3730644.08	0.11028	409215.15	3730644.08	0.11432
409235.15	3730644.08	0.11611	409255.15	3730644.08	0.11775
409275.15	3730644.08	0.11921	409295.15	3730644.08	0.12049
409315.15	3730644.08	0.12155	409335.15	3730644.08	0.12240
409428.52	3730654.00	0.12961	409472.39	3730654.00	0.12819
409492.39	3730654.00	0.12715	409512.39	3730654.00	0.12587
409572.39	3730654.00	0.12078	409592.39	3730654.00	0.11868
409612.39	3730654.00	0.11638	409632.39	3730654.00	0.11391
409652.39	3730654.00	0.11127	409672.39	3730654.00	0.10848
409692.39	3730654.00	0.10555	409712.39	3730654.00	0.10249
409732.39	3730654.00	0.09932	409752.39	3730654.00	0.09608
409772.39	3730654.00	0.09279	409251.24	3730760.44	0.21178
409175.15	3730664.08	0.11998	409428.52	3730674.00	0.14385
409472.39	3730674.00	0.14223	409492.39	3730674.00	0.14100
409512.39	3730674.00	0.13950	409572.39	3730674.00	0.13342
409592.39	3730674.00	0.13092	409612.39	3730674.00	0.12821
409632.39	3730674.00	0.12530	409652.39	3730674.00	0.12219
409672.39	3730674.00	0.11892	409692.39	3730674.00	0.11548
409712.39	3730674.00	0.11191	409732.39	3730674.00	0.10822
409752.39	3730674.00	0.10445	409772.39	3730674.00	0.10063
409251.24	3730780.44	0.23805	408826.88	3730682.43	0.06874
408846.88	3730682.43	0.07191	408866.88	3730682.43	0.07519
408886.88	3730682.43	0.07859	408906.88	3730682.43	0.08210
408926.88	3730682.43	0.08569	408946.88	3730682.43	0.08934
408966.88	3730682.43	0.09304	408986.88	3730682.43	0.09677

409006.88	3730682.43	0.10050	409026.88	3730682.43	0.10422
409046.88	3730682.43	0.10791	409066.88	3730682.43	0.11155
409086.88	3730682.43	0.11512	409106.88	3730682.43	0.11863
409126.88	3730682.43	0.12206	409175.15	3730684.08	0.13087
409215.15	3730684.08	0.13691	409235.15	3730684.08	0.13966
409255.15	3730684.08	0.14220	409275.15	3730684.08	0.14451
409295.15	3730684.08	0.14656	409315.15	3730684.08	0.14832
409428.52	3730694.00	0.16041	409472.39	3730694.00	0.15859

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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409492.39	3730694.00	0.15715	409512.39	3730694.00	0.15536
409572.39	3730694.00	0.14812	409592.39	3730694.00	0.14513
409612.39	3730694.00	0.14191	409652.39	3730694.00	0.13480
409672.39	3730694.00	0.13093	409692.39	3730694.00	0.12689
409712.39	3730694.00	0.12269	409732.39	3730694.00	0.11836
409772.39	3730694.00	0.10948	409251.24	3730800.44	0.26921
409175.15	3730704.08	0.14314	409321.97	3730701.65	0.16338
409428.52	3730714.00	0.17980	409472.39	3730714.00	0.17777
409492.39	3730714.00	0.17608	409512.39	3730714.00	0.17397
409572.39	3730714.00	0.16530	409592.39	3730714.00	0.16173
409612.39	3730714.00	0.15789	409732.39	3730714.00	0.12997
409772.39	3730714.00	0.11953	409251.24	3730820.44	0.30658
408826.88	3730722.43	0.07348	408846.88	3730722.43	0.07726

408886.88	3730722.43	0.08544	408906.88	3730722.43	0.08981
408926.88	3730722.43	0.09438	408966.88	3730722.43	0.10395
408986.88	3730722.43	0.10891	409006.88	3730722.43	0.11395
409026.88	3730722.43	0.11905	409046.88	3730722.43	0.12416
409066.88	3730722.43	0.12926	409086.88	3730722.43	0.13434
409106.88	3730722.43	0.13935	409126.88	3730722.43	0.14430
409175.15	3730724.08	0.15704	409226.65	3730720.18	0.16527
409275.96	3730720.53	0.17470	409321.97	3730721.65	0.18245
409428.52	3730734.00	0.20264	409472.39	3730734.00	0.20040
409492.39	3730734.00	0.19844	409512.39	3730734.00	0.19593
409572.39	3730734.00	0.18555	409592.39	3730734.00	0.18125
409612.39	3730734.00	0.17665	409652.39	3730734.00	0.16649
409692.39	3730734.00	0.15531	409732.39	3730734.00	0.14335
409772.39	3730734.00	0.13100	409251.24	3730840.44	0.35199
408826.88	3730742.43	0.07581	408846.88	3730742.43	0.07993
408886.88	3730742.43	0.08893	408906.88	3730742.43	0.09378
408926.88	3730742.43	0.09891	408966.88	3730742.43	0.10978
408986.88	3730742.43	0.11549	409006.88	3730742.43	0.12135
409026.88	3730742.43	0.12731	409046.88	3730742.43	0.13334
409066.88	3730742.43	0.13940	409086.88	3730742.43	0.14546
409106.88	3730742.43	0.15148	409126.88	3730742.43	0.15745
409175.15	3730744.08	0.17286	409226.65	3730740.18	0.18324
409275.96	3730740.53	0.19499	409321.97	3730741.65	0.20474
409412.39	3730754.00	0.22971	409472.39	3730754.00	0.22732
409492.39	3730754.00	0.22504	409512.39	3730754.00	0.22210
409552.39	3730754.00	0.21435	409572.39	3730754.00	0.20962
409592.39	3730754.00	0.20443	409612.39	3730754.00	0.19887

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409652.39	3730754.00	0.18663	409692.39	3730754.00	0.17320
409732.39	3730754.00	0.15889	409772.39	3730754.00	0.14418
409251.24	3730860.44	0.40808	408826.88	3730762.43	0.07809
408846.88	3730762.43	0.08256	408886.88	3730762.43	0.09242
408926.88	3730762.43	0.10353	408966.88	3730762.43	0.11585
408986.88	3730762.43	0.12241	409006.88	3730762.43	0.12920
409026.88	3730762.43	0.13618	409046.88	3730762.43	0.14329
409066.88	3730762.43	0.15050	409086.88	3730762.43	0.15775
409106.88	3730762.43	0.16501	409126.88	3730762.43	0.17225
409175.15	3730764.08	0.19096	409226.65	3730760.18	0.20408
409275.96	3730760.53	0.21875	409321.97	3730761.65	0.23104
409432.39	3730774.00	0.26213	409452.39	3730774.00	0.26134
409472.39	3730774.00	0.25960	409492.39	3730774.00	0.25696
409512.39	3730774.00	0.25349	409552.39	3730774.00	0.24421
409572.39	3730774.00	0.23849	409592.39	3730774.00	0.23220
409612.39	3730774.00	0.22546	409652.39	3730774.00	0.21059
409692.39	3730774.00	0.19435	409732.39	3730774.00	0.17708
409772.39	3730774.00	0.15942	409251.24	3730880.44	0.47866
408826.88	3730782.43	0.08030	408846.88	3730782.43	0.08513
408886.88	3730782.43	0.09589	408926.88	3730782.43	0.10821
409175.15	3730784.08	0.21180	409226.65	3730780.18	0.22841
409275.96	3730780.53	0.24683	409321.97	3730781.65	0.26233
409432.39	3730794.00	0.30131	409452.39	3730794.00	0.30056
409472.39	3730794.00	0.29865	409492.39	3730794.00	0.29562
409512.39	3730794.00	0.29155	409552.39	3730794.00	0.28044
409572.39	3730794.00	0.27351	409592.39	3730794.00	0.26586
409612.39	3730794.00	0.25763	409652.39	3730794.00	0.23945
409692.39	3730794.00	0.21962	409732.39	3730794.00	0.19860
409772.39	3730794.00	0.17720	409251.24	3730900.44	0.56965
408826.88	3730802.43	0.08240	408846.88	3730802.43	0.08760
408886.88	3730802.43	0.09929	408926.88	3730802.43	0.11289

408966.88	3730802.43	0.12854	408986.88	3730802.43	0.13714
409006.88	3730802.43	0.14622	409026.88	3730802.43	0.15575
409046.88	3730802.43	0.16568	409066.88	3730802.43	0.17592
409086.88	3730802.43	0.18642	409106.88	3730802.43	0.19709
409126.88	3730802.43	0.20785	409175.15	3730804.08	0.23595
409226.65	3730800.18	0.25709	409275.96	3730800.53	0.28032
409321.97	3730801.65	0.29995	409432.39	3730814.00	0.34911
409452.39	3730814.00	0.34851	409472.39	3730814.00	0.34641
409492.39	3730814.00	0.34295	409512.39	3730814.00	0.33817

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409552.39	3730814.00	0.32489	409572.39	3730814.00	0.31648
409592.39	3730814.00	0.30715	409612.39	3730814.00	0.29704
409652.39	3730814.00	0.27465	409692.39	3730814.00	0.25018
409732.39	3730814.00	0.22433	409772.39	3730814.00	0.19812
409251.24	3730920.44	0.69067	408826.88	3730822.43	0.08436
408846.88	3730822.43	0.08992	408886.88	3730822.43	0.10258
408926.88	3730822.43	0.11754	408966.88	3730822.43	0.13507
408986.88	3730822.43	0.14485	409006.88	3730822.43	0.15532
409026.88	3730822.43	0.16643	409046.88	3730822.43	0.17815
409066.88	3730822.43	0.19039	409086.88	3730822.43	0.20308
409106.88	3730822.43	0.21609	409126.88	3730822.43	0.22934
409175.15	3730824.08	0.26417	409226.65	3730820.18	0.29122

409275.96	3730820.53	0.32073	409321.97	3730821.65	0.34569
409412.39	3730834.00	0.40673	409432.39	3730834.00	0.40809
409472.39	3730834.00	0.40547	409492.39	3730834.00	0.40151
409512.39	3730834.00	0.39596	409552.39	3730834.00	0.38016
409572.39	3730834.00	0.36996	409592.39	3730834.00	0.35852
409612.39	3730834.00	0.34605	409652.39	3730834.00	0.31820
409692.39	3730834.00	0.28766	408826.88	3730842.43	0.08614
408846.88	3730842.43	0.09207	408886.88	3730842.43	0.10570
408926.88	3730842.43	0.12206	408966.88	3730842.43	0.14161
408986.88	3730842.43	0.15271	409006.88	3730842.43	0.16472
409026.88	3730842.43	0.17765	409046.88	3730842.43	0.19147
409066.88	3730842.43	0.20611	409086.88	3730842.43	0.22148
409106.88	3730842.43	0.23744	409126.88	3730842.43	0.25386
409175.15	3730844.08	0.29743	409226.65	3730840.18	0.33235
409275.96	3730840.53	0.37016	409321.97	3730841.65	0.40212
409412.39	3730854.00	0.47975	409432.39	3730854.00	0.48178
409472.39	3730854.00	0.47940	409492.39	3730854.00	0.47503
409512.39	3730854.00	0.46863	409552.39	3730854.00	0.44987
409572.39	3730854.00	0.43753	409592.39	3730854.00	0.42351
409612.39	3730854.00	0.40804	409652.39	3730854.00	0.37309
409692.39	3730854.00	0.33449	409732.39	3730854.00	0.29373
409752.39	3730854.00	0.27312	409772.39	3730854.00	0.25279
408826.88	3730862.43	0.08769	408846.88	3730862.43	0.09398
408886.88	3730862.43	0.10857	408926.88	3730862.43	0.12637
409226.65	3730860.18	0.38263	409275.96	3730860.53	0.43163
409321.97	3730861.65	0.47283	409432.39	3730874.00	0.57541
409472.39	3730874.00	0.57355	409492.39	3730874.00	0.56874
409512.39	3730874.00	0.56144	409552.39	3730874.00	0.53932

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409572.39	3730874.00	0.52442	409592.39	3730874.00	0.50724
409612.39	3730874.00	0.48796	409652.39	3730874.00	0.44371
409692.39	3730874.00	0.39413	409732.39	3730874.00	0.34159
408826.88	3730882.43	0.08899	408846.88	3730882.43	0.09561
408886.88	3730882.43	0.11113	408926.88	3730882.43	0.13035
408966.88	3730882.43	0.15426	408986.88	3730882.43	0.16831
409006.88	3730882.43	0.18393	409026.88	3730882.43	0.20125
409046.88	3730882.43	0.22033	409066.88	3730882.43	0.24124
409086.88	3730882.43	0.26394	409106.88	3730882.43	0.28829
409126.88	3730882.43	0.31408	409175.15	3730884.08	0.38472
409226.65	3730880.18	0.44522	409275.96	3730880.53	0.50959
409321.97	3730881.65	0.56320	409432.39	3730894.00	0.69680
409472.39	3730894.00	0.69576	409492.39	3730894.00	0.69057
409512.39	3730894.00	0.68237	409552.39	3730894.00	0.65650
409572.39	3730894.00	0.63862	409592.39	3730894.00	0.61758
409612.39	3730894.00	0.59349	409652.39	3730894.00	0.53691
409672.39	3730894.00	0.50524	409692.39	3730894.00	0.47207
409732.39	3730894.00	0.40284	408826.88	3730902.43	0.09000
408846.88	3730902.43	0.09691	408886.88	3730902.43	0.11328
408926.88	3730902.43	0.13388	408966.88	3730902.43	0.16004
408986.88	3730902.43	0.17569	409006.88	3730902.43	0.19334
409026.88	3730902.43	0.21322	409046.88	3730902.43	0.23551
409066.88	3730902.43	0.26043	409086.88	3730902.43	0.28805
409175.15	3730904.08	0.44294	409226.65	3730900.18	0.52483
409275.96	3730900.53	0.61097	409321.97	3730901.65	0.68159
409412.39	3730914.00	0.85222	409432.39	3730914.00	0.85794
409472.39	3730914.00	0.85825	409492.39	3730914.00	0.85291
409512.39	3730914.00	0.84384	409552.39	3730914.00	0.81391
409572.39	3730914.00	0.79266	409592.39	3730914.00	0.76698
409612.39	3730914.00	0.73688	409652.39	3730914.00	0.66387

409692.39	3730914.00	0.57728	409732.39	3730914.00	0.48346
408826.88	3730922.43	0.09069	408846.88	3730922.43	0.09784
408886.88	3730922.43	0.11495	408926.88	3730922.43	0.13682
408966.88	3730922.43	0.16513	408986.88	3730922.43	0.18240
409006.88	3730922.43	0.20218	409026.88	3730922.43	0.22483
409046.88	3730922.43	0.25071	409066.88	3730922.43	0.28027
409086.88	3730922.43	0.31382	409175.15	3730924.08	0.51510
409226.65	3730920.18	0.62892	409275.96	3730920.53	0.74706
409321.97	3730921.65	0.84144	409341.97	3730921.65	0.86937
409732.39	3730934.00	0.59327	408826.88	3730942.43	0.09104

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

408846.88	3730942.43	0.09838	408886.88	3730942.43	0.11607
408926.88	3730942.43	0.13902	408966.88	3730942.43	0.16930
408986.88	3730942.43	0.18812	409006.88	3730942.43	0.21003
409026.88	3730942.43	0.23555	409046.88	3730942.43	0.26530
409066.88	3730942.43	0.30009	409086.88	3730942.43	0.34068
409175.15	3730944.08	0.60602	409412.39	3730954.00	1.38315
409432.39	3730954.00	1.39360	409452.39	3730954.00	1.39903
409472.39	3730954.00	1.39941	409516.95	3730961.60	1.54028
409536.95	3730961.60	1.52319	409556.95	3730961.60	1.49898
409576.95	3730961.60	1.46674	409596.95	3730961.60	1.42502
409616.95	3730961.60	1.37242	409636.95	3730961.60	1.30738

409656.95	3730961.60	1.22871	409676.95	3730961.60	1.13632
409696.95	3730961.60	1.03160	409716.95	3730961.60	0.91812
409732.39	3730954.00	0.74992	408826.88	3730962.43	0.09104
408846.88	3730962.43	0.09850	408886.88	3730962.43	0.11661
408926.88	3730962.43	0.14039	408966.88	3730962.43	0.17234
408986.88	3730962.43	0.19254	409006.88	3730962.43	0.21638
409026.88	3730962.43	0.24468	409046.88	3730962.43	0.27838
409066.88	3730962.43	0.31881	409086.88	3730962.43	0.36742
409195.15	3730964.08	0.83425	409215.15	3730964.08	0.95190
409235.15	3730964.08	1.06938	409255.15	3730964.08	1.17989
409275.15	3730964.08	1.27777	409295.15	3730964.08	1.36024
409315.15	3730964.08	1.42737	409335.15	3730964.08	1.48084
409472.39	3730974.00	1.87978	408826.88	3730982.43	0.09068
408846.88	3730982.43	0.09820	408886.88	3730982.43	0.11654
408926.88	3730982.43	0.14086	408966.88	3730982.43	0.17401
408986.88	3730982.43	0.19527	409006.88	3730982.43	0.22071
409026.88	3730982.43	0.25143	409046.88	3730982.43	0.28881
409066.88	3730982.43	0.33482	409086.88	3730982.43	0.39200
409412.39	3730994.00	2.62438	409432.39	3730994.00	2.64442
409452.39	3730994.00	2.65697	409472.39	3730994.00	2.66230
408826.88	3731002.43	0.08997	408846.88	3731002.43	0.09748
408886.88	3731002.43	0.11587	408926.88	3731002.43	0.14038
408966.88	3731002.43	0.17418	408986.88	3731002.43	0.19609
409006.88	3731002.43	0.22261	409026.88	3731002.43	0.25510
409046.88	3731002.43	0.29540	409066.88	3731002.43	0.34622
409086.88	3731002.43	0.41147	409086.88	3731022.43	0.42255
408818.97	3731039.27	0.08522	408838.97	3731039.27	0.09220
408858.97	3731039.27	0.10015	408878.97	3731039.27	0.10926
408898.97	3731039.27	0.11976	408918.97	3731039.27	0.13199

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*** AERMET - VERSION 22112 *** ** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,

L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,

L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408938.97	3731039.27	0.14634	408958.97	3731039.27	0.16333
408978.97	3731039.27	0.18374	408998.97	3731039.27	0.20852
409018.97	3731039.27	0.23912	409038.97	3731039.27	0.27760
409058.97	3731039.27	0.32704	409076.60	3731038.48	0.38365
408952.39	3731094.00	0.14791	408972.39	3731094.00	0.16558
409012.39	3731094.00	0.21307	409032.39	3731094.00	0.24572
409052.39	3731094.00	0.28735	409072.39	3731094.00	0.34188
409333.04	3731097.23	8.70555	408952.39	3731114.00	0.14413
408972.39	3731114.00	0.16119	409012.39	3731114.00	0.20693
409032.39	3731114.00	0.23829	409052.39	3731114.00	0.27820
409072.39	3731114.00	0.33026	409112.49	3731137.53	0.47322
409172.39	3731114.00	1.21596	409192.39	3731114.00	1.82771
409212.39	3731114.00	3.01451	409232.39	3731114.00	5.30906
409252.39	3731114.00	7.63099	409272.39	3731114.00	9.03205
409292.39	3731114.00	9.76165	409333.04	3731117.23	9.78894
409472.39	3731114.00	10.89693	409492.39	3731114.00	10.91557
409532.39	3731114.00	10.90077	409572.39	3731114.00	10.78907
409592.39	3731114.00	10.70917	409612.39	3731114.00	10.61670
409632.39	3731114.00	10.50054	409652.39	3731114.00	10.33086
409672.39	3731114.00	10.05541	409692.39	3731114.00	9.56977
408952.39	3731134.00	0.14070	408972.39	3731134.00	0.15726
409012.39	3731134.00	0.20159	409032.39	3731134.00	0.23193
409052.39	3731134.00	0.27038	409072.39	3731134.00	0.32020
409333.04	3731137.23	6.82799	409472.39	3731134.00	7.80518
409492.39	3731134.00	7.81373	409532.39	3731134.00	7.79930
409552.39	3731134.00	7.77535	409572.39	3731134.00	7.73034
409612.39	3731134.00	7.57074	409632.39	3731134.00	7.46703
409652.39	3731134.00	7.31633	409672.39	3731134.00	7.10202
409692.39	3731134.00	6.79404	409712.39	3731134.00	6.32370

409732.39	3731134.00	5.47388	408952.39	3731154.00	0.13780
408972.39	3731154.00	0.15399	409012.39	3731154.00	0.19723
409032.39	3731154.00	0.22665	409052.39	3731154.00	0.26364
409072.39	3731154.00	0.31089	409092.39	3731154.00	0.37226
409112.39	3731154.00	0.45310	409172.39	3731154.00	0.90157
409192.39	3731154.00	1.17294	409212.39	3731154.00	1.59443
409232.39	3731154.00	2.27850	409252.39	3731154.00	3.16016
409272.39	3731154.00	3.98027	409292.39	3731154.00	4.58415
409333.04	3731157.23	5.02802	409432.39	3731154.00	5.82277
409452.39	3731154.00	5.88011	409472.39	3731154.00	5.91009
409492.39	3731154.00	5.92682	409532.39	3731154.00	5.92736

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

409552.39	3731154.00	5.91112	409612.39	3731154.00	5.76505
409632.39	3731154.00	5.67912	409652.39	3731154.00	5.56081
409672.39	3731154.00	5.39883	409712.39	3731154.00	4.86666
409732.39	3731154.00	4.35572	408952.39	3731174.00	0.13547
408972.39	3731174.00	0.15137	409172.39	3731174.00	0.77248
409292.39	3731174.00	3.35975	409333.04	3731177.23	3.84028
409432.39	3731174.00	4.57062	409452.39	3731174.00	4.62053
409472.39	3731174.00	4.65796	409492.39	3731174.00	4.67955
409532.39	3731174.00	4.69150	409552.39	3731174.00	4.68115
409572.39	3731174.00	4.65831	409612.39	3731174.00	4.57215

409632.39	3731174.00	4.50327	409652.39	3731174.00	4.41209
409672.39	3731174.00	4.29295	409692.39	3731174.00	4.13535
409712.39	3731174.00	3.91885	409732.39	3731174.00	3.58313
408952.39	3731194.00	0.13361	408972.39	3731194.00	0.14919
409012.39	3731194.00	0.19000	409032.39	3731194.00	0.21690
409052.39	3731194.00	0.24956	409072.39	3731194.00	0.28934
409112.39	3731194.00	0.39689	409132.39	3731194.00	0.46946
409172.39	3731194.00	0.66635	409192.39	3731194.00	0.80713
409212.39	3731194.00	1.00767	409232.39	3731194.00	1.30435
409252.39	3731194.00	1.69996	409272.39	3731194.00	2.13774
409292.39	3731194.00	2.54144	409333.04	3731197.23	3.00336
409532.39	3731194.00	3.82133	409552.39	3731194.00	3.81599
409572.39	3731194.00	3.80025	409612.39	3731194.00	3.73381
409632.39	3731194.00	3.68053	409652.39	3731194.00	3.61135
409672.39	3731194.00	3.52341	409692.39	3731194.00	3.41002
409712.39	3731194.00	3.25355	409732.39	3731194.00	3.02095
408952.39	3731214.00	0.13199	408972.39	3731214.00	0.14714
409012.39	3731214.00	0.18608	409032.39	3731214.00	0.21110
409052.39	3731214.00	0.24081	409072.39	3731214.00	0.27606
409112.39	3731214.00	0.36722	409132.39	3731214.00	0.42611
409333.04	3731217.23	2.39836	409432.39	3731214.00	3.03559
409452.39	3731214.00	3.08640	409472.39	3731214.00	3.12496
409492.39	3731214.00	3.15291	409532.39	3731214.00	3.17888
409552.39	3731214.00	3.17808	409572.39	3731214.00	3.16838
409612.39	3731214.00	3.11952	409632.39	3731214.00	3.07952
409652.39	3731214.00	3.02769	409672.39	3731214.00	2.96202
409692.39	3731214.00	2.87754	409712.39	3731214.00	2.76196
409732.39	3731214.00	2.59463	408952.39	3731234.00	0.13036
408972.39	3731234.00	0.14490	409012.39	3731234.00	0.18142
409032.39	3731234.00	0.20426	409052.39	3731234.00	0.23080

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409072.39	3731234.00	0.26159	409092.39	3731234.00	0.29728
409112.39	3731234.00	0.33853	409132.39	3731234.00	0.38654
409172.39	3731234.00	0.50890	409192.39	3731234.00	0.59243
409212.39	3731234.00	0.70527	409232.39	3731234.00	0.86227
409252.39	3731234.00	1.06962	409272.39	3731234.00	1.31462
409292.39	3731234.00	1.56918	409312.39	3731234.00	1.80476
409332.39	3731234.00	2.00465	409432.39	3731234.00	2.53747
409452.39	3731234.00	2.58712	409472.39	3731234.00	2.62632
409492.39	3731234.00	2.65587	409532.39	3731234.00	2.68740
409552.39	3731234.00	2.69082	409572.39	3731234.00	2.68636
408952.39	3731254.00	0.12848	408972.39	3731254.00	0.14223
409072.39	3731254.00	0.24659	409092.39	3731254.00	0.27696
409112.39	3731254.00	0.31148	409132.39	3731254.00	0.35110
409172.39	3731254.00	0.45019	409192.39	3731254.00	0.51682
409212.39	3731254.00	0.60500	409232.39	3731254.00	0.72481
409252.39	3731254.00	0.88161	409272.39	3731254.00	1.06962
409292.39	3731254.00	1.27210	409312.39	3731254.00	1.46870
409332.39	3731254.00	1.64440	409432.39	3731254.00	2.14614
409452.39	3731254.00	2.19573	409472.39	3731254.00	2.23495
409492.39	3731254.00	2.26537	409532.39	3731254.00	2.30123
409552.39	3731254.00	2.30824	409572.39	3731254.00	2.30835
409612.39	3731254.00	2.28795	409632.39	3731254.00	2.26702
409652.39	3731254.00	2.23864	409672.39	3731254.00	2.20158
409692.39	3731254.00	2.15279	409712.39	3731254.00	2.08602
409732.39	3731254.00	1.99209	409412.39	3731274.00	1.77410
409532.39	3731274.00	1.99125	409552.39	3731274.00	2.00117
409572.39	3731274.00	2.00504	409612.39	3731274.00	1.99481
409632.39	3731274.00	1.98072	409652.39	3731274.00	1.96028

409672.39	3731274.00	1.93255	409692.39	3731274.00	1.89515
409712.39	3731274.00	1.84353	409732.39	3731274.00	1.77124
409412.39	3731294.00	1.52154	409432.39	3731294.00	1.57955
409452.39	3731294.00	1.62695	409472.39	3731294.00	1.66528
409492.39	3731294.00	1.69611	409532.39	3731294.00	1.73802
409552.39	3731294.00	1.75023	409572.39	3731294.00	1.75710
409612.39	3731294.00	1.75508	409632.39	3731294.00	1.74628
409652.39	3731294.00	1.73203	409672.39	3731294.00	1.71155
409692.39	3731294.00	1.68295	409712.39	3731294.00	1.64287
409732.39	3731294.00	1.58662	408832.39	3731314.00	0.07413
408852.39	3731314.00	0.07998	408872.39	3731314.00	0.08648
408892.39	3731314.00	0.09370	408912.39	3731314.00	0.10169

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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408932.39	3731314.00	0.11053	408952.39	3731314.00	0.12029
408972.39	3731314.00	0.13105	408992.39	3731314.00	0.14288
409012.39	3731314.00	0.15588	409032.39	3731314.00	0.17018
409052.39	3731314.00	0.18592	409072.39	3731314.00	0.20325
409092.39	3731314.00	0.22238	409112.39	3731314.00	0.24352
409132.39	3731314.00	0.26701	409172.39	3731314.00	0.32410
409192.39	3731314.00	0.36118	409212.39	3731314.00	0.40800
409232.39	3731314.00	0.46832	409252.39	3731314.00	0.54498
409272.39	3731314.00	0.63815	409292.39	3731314.00	0.74440

409312.39	3731314.00	0.85729	409332.39	3731314.00	0.96922
409432.39	3731314.00	1.36989	409452.39	3731314.00	1.41628
409472.39	3731314.00	1.45373	409492.39	3731314.00	1.48452
409532.39	3731314.00	1.52817	409552.39	3731314.00	1.54212
409572.39	3731314.00	1.55128	409732.39	3731314.00	1.42997
408852.39	3731334.00	0.07917	408872.39	3731334.00	0.08536
409332.39	3731334.00	0.82803	409412.39	3731334.00	1.14164
409432.39	3731334.00	1.19522	409452.39	3731334.00	1.23974
409472.39	3731334.00	1.27684	409492.39	3731334.00	1.30744
409532.39	3731334.00	1.35217	409552.39	3731334.00	1.36747
409572.39	3731334.00	1.37825	409612.39	3731334.00	1.38765
409632.39	3731334.00	1.38630	409652.39	3731334.00	1.38075
409672.39	3731334.00	1.37044	409692.39	3731334.00	1.35418
409712.39	3731334.00	1.33004	409732.39	3731334.00	1.29545
408852.39	3731354.00	0.07816	408872.39	3731354.00	0.08399
408892.39	3731354.00	0.09036	408932.39	3731354.00	0.10476
408952.39	3731354.00	0.11289	408972.39	3731354.00	0.12169
408992.39	3731354.00	0.13121	409012.39	3731354.00	0.14151
409032.39	3731354.00	0.15269	409072.39	3731354.00	0.17805
409092.39	3731354.00	0.19245	409112.39	3731354.00	0.20810
409172.39	3731354.00	0.26689	409192.39	3731354.00	0.29335
409212.39	3731354.00	0.32601	409232.39	3731354.00	0.36704
409252.39	3731354.00	0.41828	409272.39	3731354.00	0.48043
409292.39	3731354.00	0.55244	409332.39	3731354.00	0.71319
409412.39	3731354.00	0.99693	409532.39	3731354.00	1.20300
409552.39	3731354.00	1.21921	409572.39	3731354.00	1.23122
409612.39	3731354.00	1.24459	409632.39	3731354.00	1.24607
409652.39	3731354.00	1.24360	409672.39	3731354.00	1.23693
409692.39	3731354.00	1.22508	409712.39	3731354.00	1.20638
409732.39	3731354.00	1.17895	408852.39	3731374.00	0.07693
408872.39	3731374.00	0.08239	408892.39	3731374.00	0.08829

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408932.39	3731374.00	0.10149	408952.39	3731374.00	0.10885
408972.39	3731374.00	0.11675	408992.39	3731374.00	0.12529
409012.39	3731374.00	0.13448	409032.39	3731374.00	0.14439
409072.39	3731374.00	0.16671	409092.39	3731374.00	0.17927
409112.39	3731374.00	0.19257	409172.39	3731374.00	0.24358
409192.39	3731374.00	0.26619	409212.39	3731374.00	0.29384
409232.39	3731374.00	0.32823	409252.39	3731374.00	0.37083
409272.39	3731374.00	0.42238	409292.39	3731374.00	0.48238
409332.39	3731374.00	0.61865	409412.39	3731374.00	0.87469
409432.39	3731374.00	0.92315	409452.39	3731374.00	0.96474
409472.39	3731374.00	1.00012	409492.39	3731374.00	1.02994
409532.39	3731374.00	1.07542	409552.39	3731374.00	1.09217
409572.39	3731374.00	1.10514	409612.39	3731374.00	1.12126
409632.39	3731374.00	1.12448	409652.39	3731374.00	1.12441
409672.39	3731374.00	1.12063	409692.39	3731374.00	1.11224
409712.39	3731374.00	1.09816	409732.39	3731374.00	1.07679
408852.39	3731394.00	0.07549	408872.39	3731394.00	0.08057
408892.39	3731394.00	0.08601	408932.39	3731394.00	0.09805
408952.39	3731394.00	0.10414	408972.39	3731394.00	0.11114
408992.39	3731394.00	0.11873	409012.39	3731394.00	0.12714
409032.39	3731394.00	0.13648	409072.39	3731394.00	0.15618
409092.39	3731394.00	0.16718	409112.39	3731394.00	0.17887
409132.39	3731394.00	0.19209	409172.39	3731394.00	0.22304
409332.39	3731394.00	0.54089	409412.39	3731394.00	0.77000
409432.39	3731394.00	0.81559	409452.39	3731394.00	0.85601
409472.39	3731394.00	0.89090	409492.39	3731394.00	0.92006
409532.39	3731394.00	0.96544	409552.39	3731394.00	0.98260

409572.39	3731394.00	0.99613	408852.39	3731414.00	0.07388
408872.39	3731414.00	0.07856	408892.39	3731414.00	0.08355
408932.39	3731414.00	0.09451	408952.39	3731414.00	0.09998
408992.39	3731414.00	0.11376	409012.39	3731414.00	0.12061
409032.39	3731414.00	0.12897	409072.39	3731414.00	0.14639
409092.39	3731414.00	0.15607	409112.39	3731414.00	0.16622
409132.39	3731414.00	0.17788	409172.39	3731414.00	0.20485
409192.39	3731414.00	0.22169	409212.39	3731414.00	0.24197
409232.39	3731414.00	0.26676	409252.39	3731414.00	0.29705
409272.39	3731414.00	0.33349	409292.39	3731414.00	0.37610
409332.39	3731414.00	0.47558	409412.39	3731414.00	0.68002
409432.39	3731414.00	0.72385	409452.39	3731414.00	0.76285
409472.39	3731414.00	0.79611	409492.39	3731414.00	0.82492

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

409532.39	3731414.00	0.87002	409552.39	3731414.00	0.88723
409572.39	3731414.00	0.90135	409592.39	3731414.00	0.91261
409612.39	3731414.00	0.92134	409632.39	3731414.00	0.92725
409652.39	3731414.00	0.93054	409672.39	3731414.00	0.93079
409692.39	3731414.00	0.92756	409712.39	3731414.00	0.92010
409732.39	3731414.00	0.90742	408852.39	3731434.00	0.07210
408872.39	3731434.00	0.07640	408892.39	3731434.00	0.08097
408932.39	3731434.00	0.09092	408952.39	3731434.00	0.09589

408992.39	3731434.00	0.10821	409012.39	3731434.00	0.11448
409032.39	3731434.00	0.12187	409072.39	3731434.00	0.13732
409092.39	3731434.00	0.14586	409112.39	3731434.00	0.15468
409132.39	3731434.00	0.16503	409332.39	3731434.00	0.42088
409412.39	3731434.00	0.60488	409432.39	3731434.00	0.64633
409532.39	3731434.00	0.78648	409552.39	3731434.00	0.80252
409572.39	3731434.00	0.81653	409592.39	3731434.00	0.82892
409612.39	3731434.00	0.83833	409632.39	3731434.00	0.84544
409652.39	3731434.00	0.85007	409672.39	3731434.00	0.85215
409692.39	3731434.00	0.85085	409712.39	3731434.00	0.84575
409732.39	3731434.00	0.83599	408852.39	3731454.00	0.07019
408872.39	3731454.00	0.07414	408892.39	3731454.00	0.07831
408932.39	3731454.00	0.08736	408952.39	3731454.00	0.09195
408992.39	3731454.00	0.10296	409012.39	3731454.00	0.10841
409032.39	3731454.00	0.11504	409072.39	3731454.00	0.12890
409092.39	3731454.00	0.13643	409112.39	3731454.00	0.14431
409132.39	3731454.00	0.15340	409172.39	3731454.00	0.17415
409192.39	3731454.00	0.18703	409212.39	3731454.00	0.20229
409232.39	3731454.00	0.22071	409252.39	3731454.00	0.24266
409272.39	3731454.00	0.26930	409292.39	3731454.00	0.30070
409332.39	3731454.00	0.37459	409412.39	3731454.00	0.53985
409432.39	3731454.00	0.57677	409452.39	3731454.00	0.61148
409472.39	3731454.00	0.64192	409492.39	3731454.00	0.66935
409532.39	3731454.00	0.71237	409552.39	3731454.00	0.72850
409572.39	3731454.00	0.74296	409592.39	3731454.00	0.75556
409612.39	3731454.00	0.76541	409632.39	3731454.00	0.77340
409652.39	3731454.00	0.77893	409672.39	3731454.00	0.78244
409692.39	3731454.00	0.78264	409712.39	3731454.00	0.77937
409732.39	3731454.00	0.77209	409072.39	3731474.00	0.12110
409092.39	3731474.00	0.12783	409112.39	3731474.00	0.13484
409132.39	3731474.00	0.14285	409172.39	3731474.00	0.16115
409192.39	3731474.00	0.17238	409212.39	3731474.00	0.18569

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409232.39	3731474.00	0.20156	409252.39	3731474.00	0.22058
409272.39	3731474.00	0.24312	409292.39	3731474.00	0.27105
409312.39	3731474.00	0.30170	409332.39	3731474.00	0.33517
409412.39	3731474.00	0.48112	409432.39	3731474.00	0.51566
409452.39	3731474.00	0.54782	409472.39	3731474.00	0.57730
409492.39	3731474.00	0.60450	409532.39	3731474.00	0.64769
409552.39	3731474.00	0.66482	409572.39	3731474.00	0.67943
409592.39	3731474.00	0.69170	409612.39	3731474.00	0.70142
409632.39	3731474.00	0.70945	409652.39	3731474.00	0.71563
409672.39	3731474.00	0.72009	409692.39	3731474.00	0.72167
409712.39	3731474.00	0.72000	409732.39	3731474.00	0.71494
409772.39	3731474.00	0.69253	409792.39	3731474.00	0.67448
408832.39	3731494.00	0.06298	408852.39	3731494.00	0.06613
408872.39	3731494.00	0.06944	408892.39	3731494.00	0.07291
408912.39	3731494.00	0.07655	408932.39	3731494.00	0.08039
408952.39	3731494.00	0.08443	408972.39	3731494.00	0.08864
408992.39	3731494.00	0.09311	409012.39	3731494.00	0.09792
409032.39	3731494.00	0.10292	409052.39	3731494.00	0.10829
409072.39	3731494.00	0.11392	409092.39	3731494.00	0.11990
409112.39	3731494.00	0.12628	409132.39	3731494.00	0.13326
409172.39	3731494.00	0.14959	409192.39	3731494.00	0.15960
409212.39	3731494.00	0.17131	409232.39	3731494.00	0.18543
409252.39	3731494.00	0.20200	409272.39	3731494.00	0.22138
409292.39	3731494.00	0.24551	409312.39	3731494.00	0.27205
409332.39	3731494.00	0.30125	409412.39	3731494.00	0.43189
409432.39	3731494.00	0.46502	409452.39	3731494.00	0.49468

409472.39	3731494.00	0.52239	409492.39	3731494.00	0.54764
409532.39	3731494.00	0.58931	409552.39	3731494.00	0.60642
409572.39	3731494.00	0.62151	409592.39	3731494.00	0.63465
409612.39	3731494.00	0.64470	409632.39	3731494.00	0.65213
409652.39	3731494.00	0.65887	409672.39	3731494.00	0.66425
409692.39	3731494.00	0.66694	409712.39	3731494.00	0.66657
409732.39	3731494.00	0.66319	409752.39	3731494.00	0.65638
409772.39	3731494.00	0.64570	409792.39	3731494.00	0.63096
408832.39	3731514.00	0.06114	408852.39	3731514.00	0.06403
408872.39	3731514.00	0.06706	408892.39	3731514.00	0.07022
408912.39	3731514.00	0.07354	408932.39	3731514.00	0.07703
408952.39	3731514.00	0.08062	408972.39	3731514.00	0.08434
408992.39	3731514.00	0.08838	409012.39	3731514.00	0.09283
409032.39	3731514.00	0.09731	409052.39	3731514.00	0.10220

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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409072.39	3731514.00	0.10724	409092.39	3731514.00	0.11259
409112.39	3731514.00	0.11830	409132.39	3731514.00	0.12453
409312.39	3731514.00	0.24666	409332.39	3731514.00	0.27234
409412.39	3731514.00	0.38984	409532.39	3731514.00	0.53767
409552.39	3731514.00	0.55385	409572.39	3731514.00	0.56944
409592.39	3731514.00	0.58320	409612.39	3731514.00	0.59339
409632.39	3731514.00	0.60109	409652.39	3731514.00	0.60814

409672.39	3731514.00	0.61415	409692.39	3731514.00	0.61759
409712.39	3731514.00	0.61834	409732.39	3731514.00	0.61635
409752.39	3731514.00	0.61135	409772.39	3731514.00	0.60298
409792.39	3731514.00	0.59099			

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408826.88	3730582.43	0.08786	408846.88	3730582.43	0.09084
408866.88	3730582.43	0.09369	409066.88	3730582.43	0.10590
409086.88	3730582.43	0.10529	409106.88	3730582.43	0.10445
409126.88	3730582.43	0.10351	409175.15	3730584.08	0.10191
409235.15	3730584.08	0.09924	409275.15	3730584.08	0.09763
409315.15	3730584.08	0.09585	409335.15	3730584.08	0.09477
409428.52	3730594.00	0.09101	409472.39	3730594.00	0.08536
409523.35	3730595.29	0.07823	409572.39	3730594.00	0.07026
409592.39	3730594.00	0.06718	409612.39	3730594.00	0.06417
409632.39	3730594.00	0.06124	409652.39	3730594.00	0.05840
409672.39	3730594.00	0.05568	409692.39	3730594.00	0.05308
409712.39	3730594.00	0.05061	409732.39	3730594.00	0.04826
409752.39	3730594.00	0.04605	409772.39	3730594.00	0.04396
408826.88	3730602.43	0.09240	408846.88	3730602.43	0.09592
408866.88	3730602.43	0.09935	408906.88	3730602.43	0.10570
408926.88	3730602.43	0.10850	408946.88	3730602.43	0.11097
408966.88	3730602.43	0.11304	408986.88	3730602.43	0.11469
409006.88	3730602.43	0.11588	409026.88	3730602.43	0.11660
409046.88	3730602.43	0.11685	409066.88	3730602.43	0.11668

409086.88	3730602.43	0.11618	409106.88	3730602.43	0.11537
409126.88	3730602.43	0.11439	409175.15	3730604.08	0.11263
409235.15	3730604.08	0.10950	409275.15	3730604.08	0.10763
409315.15	3730604.08	0.10555	409335.15	3730604.08	0.10428
409428.52	3730614.00	0.09961	409572.39	3730614.00	0.07526
409592.39	3730614.00	0.07175	409612.39	3730614.00	0.06832
409632.39	3730614.00	0.06501	409652.39	3730614.00	0.06183
409672.39	3730614.00	0.05880	409692.39	3730614.00	0.05592
409712.39	3730614.00	0.05320	409732.39	3730614.00	0.05063
409752.39	3730614.00	0.04821	409772.39	3730614.00	0.04594
409251.24	3730720.44	0.21864	409175.15	3730624.08	0.12515
409315.15	3730624.08	0.11682	409335.15	3730624.08	0.11532
409428.52	3730634.00	0.10947	409472.39	3730634.00	0.10140
409492.39	3730634.00	0.09738	409512.39	3730634.00	0.09325
409572.39	3730634.00	0.08076	409592.39	3730634.00	0.07674
409612.39	3730634.00	0.07284	409632.39	3730634.00	0.06911
409652.39	3730634.00	0.06554	409672.39	3730634.00	0.06216
409692.39	3730634.00	0.05897	409712.39	3730634.00	0.05597
409732.39	3730634.00	0.05315	409752.39	3730634.00	0.05051
409772.39	3730634.00	0.04804	409251.24	3730740.44	0.25401
408825.58	3730653.45	0.10397	408845.58	3730653.45	0.10907

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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408865.58	3730653.45	0.11426	408885.58	3730653.45	0.11942
408905.58	3730653.45	0.12460	408925.58	3730653.45	0.12959

408945.58	3730653.45	0.13434	408965.58	3730653.45	0.13871
408985.58	3730653.45	0.14261	409005.58	3730653.45	0.14594
409025.58	3730653.45	0.14860	409045.58	3730653.45	0.15052
409065.58	3730653.45	0.15168	409085.58	3730653.45	0.15211
409105.58	3730653.45	0.15187	409125.58	3730653.45	0.15108
409175.15	3730644.08	0.13988	409215.15	3730644.08	0.13694
409235.15	3730644.08	0.13558	409255.15	3730644.08	0.13427
409275.15	3730644.08	0.13296	409295.15	3730644.08	0.13158
409315.15	3730644.08	0.13003	409335.15	3730644.08	0.12824
409428.52	3730654.00	0.12082	409472.39	3730654.00	0.11107
409492.39	3730654.00	0.10627	409512.39	3730654.00	0.10137
409572.39	3730654.00	0.08681	409592.39	3730654.00	0.08219
409612.39	3730654.00	0.07776	409632.39	3730654.00	0.07354
409652.39	3730654.00	0.06955	409672.39	3730654.00	0.06578
409692.39	3730654.00	0.06225	409712.39	3730654.00	0.05894
409732.39	3730654.00	0.05585	409752.39	3730654.00	0.05296
409772.39	3730654.00	0.05028	409251.24	3730760.44	0.29865
409175.15	3730664.08	0.15736	409428.52	3730674.00	0.13398
409472.39	3730674.00	0.12210	409492.39	3730674.00	0.11626
409512.39	3730674.00	0.11050	409572.39	3730674.00	0.09347
409592.39	3730674.00	0.08817	409612.39	3730674.00	0.08313
409632.39	3730674.00	0.07836	409652.39	3730674.00	0.07388
409672.39	3730674.00	0.06968	409692.39	3730674.00	0.06577
409712.39	3730674.00	0.06212	409732.39	3730674.00	0.05873
409752.39	3730674.00	0.05558	409772.39	3730674.00	0.05267
409251.24	3730780.44	0.35600	408826.88	3730682.43	0.11111
408846.88	3730682.43	0.11726	408866.88	3730682.43	0.12361
408886.88	3730682.43	0.13009	408906.88	3730682.43	0.13676
408926.88	3730682.43	0.14337	408946.88	3730682.43	0.14984
408966.88	3730682.43	0.15606	408986.88	3730682.43	0.16185
409006.88	3730682.43	0.16707	409026.88	3730682.43	0.17154
409046.88	3730682.43	0.17513	409066.88	3730682.43	0.17775
409086.88	3730682.43	0.17934	409106.88	3730682.43	0.17993
409126.88	3730682.43	0.17964	409175.15	3730684.08	0.17827
409215.15	3730684.08	0.17436	409235.15	3730684.08	0.17242
409255.15	3730684.08	0.17053	409275.15	3730684.08	0.16861
409295.15	3730684.08	0.16659	409315.15	3730684.08	0.16430

409428.52 3730694.00 0.14931 409472.39 3730694.00 0.13474

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409492.39	3730694.00	0.12770	409512.39	3730694.00	0.12080
409572.39	3730694.00	0.10084	409592.39	3730694.00	0.09474
409612.39	3730694.00	0.08899	409652.39	3730694.00	0.07857
409672.39	3730694.00	0.07390	409692.39	3730694.00	0.06956
409712.39	3730694.00	0.06554	409732.39	3730694.00	0.06183
409772.39	3730694.00	0.05523	409251.24	3730800.44	0.43122
409175.15	3730704.08	0.20352	409321.97	3730701.65	0.18277
409428.52	3730714.00	0.16726	409472.39	3730714.00	0.14930
409492.39	3730714.00	0.14069	409512.39	3730714.00	0.13245
409572.39	3730714.00	0.10898	409592.39	3730714.00	0.10197
409612.39	3730714.00	0.09541	409732.39	3730714.00	0.06516
409772.39	3730714.00	0.05797	409251.24	3730820.44	0.53227
408826.88	3730722.43	0.12035	408846.88	3730722.43	0.12805
408886.88	3730722.43	0.14482	408906.88	3730722.43	0.15373
408926.88	3730722.43	0.16318	408966.88	3730722.43	0.18231
408986.88	3730722.43	0.19180	409006.88	3730722.43	0.20087
409026.88	3730722.43	0.20931	409046.88	3730722.43	0.21682
409066.88	3730722.43	0.22311	409086.88	3730722.43	0.22796
409106.88	3730722.43	0.23125	409126.88	3730722.43	0.23294
409175.15	3730724.08	0.23429	409226.65	3730720.18	0.22155
409275.96	3730720.53	0.21533	409321.97	3730721.65	0.20929
409428.52	3730734.00	0.18845	409472.39	3730734.00	0.16614

409492.39	3730734.00	0.15561	409512.39	3730734.00	0.14566
409572.39	3730734.00	0.11802	409592.39	3730734.00	0.10993
409612.39	3730734.00	0.10245	409652.39	3730734.00	0.08922
409692.39	3730734.00	0.07809	409732.39	3730734.00	0.06876
409772.39	3730734.00	0.06093	409251.24	3730840.44	0.67193
408826.88	3730742.43	0.12480	408846.88	3730742.43	0.13331
408886.88	3730742.43	0.15223	408906.88	3730742.43	0.16237
408926.88	3730742.43	0.17348	408966.88	3730742.43	0.19653
408986.88	3730742.43	0.20834	409006.88	3730742.43	0.22000
409026.88	3730742.43	0.23122	409046.88	3730742.43	0.24160
409066.88	3730742.43	0.25075	409086.88	3730742.43	0.25834
409106.88	3730742.43	0.26404	409126.88	3730742.43	0.26769
409175.15	3730744.08	0.27215	409226.65	3730740.18	0.25752
409275.96	3730740.53	0.24985	409321.97	3730741.65	0.24201
409412.39	3730754.00	0.22398	409472.39	3730754.00	0.18572
409492.39	3730754.00	0.17284	409512.39	3730754.00	0.16072
409552.39	3730754.00	0.13820	409572.39	3730754.00	0.12807
409592.39	3730754.00	0.11875	409612.39	3730754.00	0.11021

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

409652.39	3730754.00	0.09529	409692.39	3730754.00	0.08292
409732.39	3730754.00	0.07266	409772.39	3730754.00	0.06413
409251.24	3730860.44	0.87138	408826.88	3730762.43	0.12903
408846.88	3730762.43	0.13838	408886.88	3730762.43	0.15950
408926.88	3730762.43	0.18390	408966.88	3730762.43	0.21128

408986.88	3730762.43	0.22580	409006.88	3730762.43	0.24051
409026.88	3730762.43	0.25510	409046.88	3730762.43	0.26914
409066.88	3730762.43	0.28209	409086.88	3730762.43	0.29346
409106.88	3730762.43	0.30266	409126.88	3730762.43	0.30937
409175.15	3730764.08	0.31921	409226.65	3730760.18	0.30283
409275.96	3730760.53	0.29338	409321.97	3730761.65	0.28299
409432.39	3730774.00	0.24094	409452.39	3730774.00	0.22481
409472.39	3730774.00	0.20836	409492.39	3730774.00	0.19269
409512.39	3730774.00	0.17793	409552.39	3730774.00	0.15112
409572.39	3730774.00	0.13929	409592.39	3730774.00	0.12853
409612.39	3730774.00	0.11878	409652.39	3730774.00	0.10196
409692.39	3730774.00	0.08821	409732.39	3730774.00	0.07692
409772.39	3730774.00	0.06761	409251.24	3730880.44	1.16824
408826.88	3730782.43	0.13296	408846.88	3730782.43	0.14316
408886.88	3730782.43	0.16655	408926.88	3730782.43	0.19426
409175.15	3730784.08	0.37824	409226.65	3730780.18	0.36087
409275.96	3730780.53	0.34926	409321.97	3730781.65	0.33519
409432.39	3730794.00	0.27731	409452.39	3730794.00	0.25610
409472.39	3730794.00	0.23548	409492.39	3730794.00	0.21592
409512.39	3730794.00	0.19769	409552.39	3730794.00	0.16571
409572.39	3730794.00	0.15188	409592.39	3730794.00	0.13946
409612.39	3730794.00	0.12831	409652.39	3730794.00	0.10933
409692.39	3730794.00	0.09402	409732.39	3730794.00	0.08158
409772.39	3730794.00	0.07141	409251.24	3730900.44	1.63317
408826.88	3730802.43	0.13648	408846.88	3730802.43	0.14751
408886.88	3730802.43	0.17322	408926.88	3730802.43	0.20437
408966.88	3730802.43	0.24172	408986.88	3730802.43	0.26272
409006.88	3730802.43	0.28511	409026.88	3730802.43	0.30866
409046.88	3730802.43	0.33288	409066.88	3730802.43	0.35710
409086.88	3730802.43	0.38043	409106.88	3730802.43	0.40178
409126.88	3730802.43	0.42003	409175.15	3730804.08	0.45315
409226.65	3730800.18	0.43653	409275.96	3730800.53	0.42257
409321.97	3730801.65	0.40301	409432.39	3730814.00	0.32120
409452.39	3730814.00	0.29359	409472.39	3730814.00	0.26729
409492.39	3730814.00	0.24285	409512.39	3730814.00	0.22050

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409552.39	3730814.00	0.18228	409572.39	3730814.00	0.16610
409592.39	3730814.00	0.15175	409612.39	3730814.00	0.13899
409652.39	3730814.00	0.11754	409692.39	3730814.00	0.10046
409732.39	3730814.00	0.08673	409772.39	3730814.00	0.07559
409251.24	3730920.44	2.40925	408826.88	3730822.43	0.13949
408846.88	3730822.43	0.15130	408886.88	3730822.43	0.17927
408926.88	3730822.43	0.21398	408966.88	3730822.43	0.25681
408986.88	3730822.43	0.28162	409006.88	3730822.43	0.30870
409026.88	3730822.43	0.33791	409046.88	3730822.43	0.36894
409066.88	3730822.43	0.40112	409086.88	3730822.43	0.43347
409106.88	3730822.43	0.46470	409126.88	3730822.43	0.49303
409175.15	3730824.08	0.54923	409226.65	3730820.18	0.53729
409275.96	3730820.53	0.52119	409321.97	3730821.65	0.49318
409412.39	3730834.00	0.41333	409432.39	3730834.00	0.37531
409472.39	3730834.00	0.30519	409492.39	3730834.00	0.27449
409512.39	3730834.00	0.24703	409552.39	3730834.00	0.20125
409572.39	3730834.00	0.18229	409592.39	3730834.00	0.16568
409612.39	3730834.00	0.15105	409652.39	3730834.00	0.12676
409692.39	3730834.00	0.10766	408826.88	3730842.43	0.14188
408846.88	3730842.43	0.15440	408886.88	3730842.43	0.18449
408926.88	3730842.43	0.22265	408966.88	3730842.43	0.27120
408986.88	3730842.43	0.30006	409006.88	3730842.43	0.33224
409026.88	3730842.43	0.36788	409046.88	3730842.43	0.40696
409066.88	3730842.43	0.44895	409086.88	3730842.43	0.49297
409106.88	3730842.43	0.53758	409126.88	3730842.43	0.58053

409175.15	3730844.08	0.67378	409226.65	3730840.18	0.67479
409275.96	3730840.53	0.65796	409321.97	3730841.65	0.61653
409412.39	3730854.00	0.49485	409432.39	3730854.00	0.44271
409472.39	3730854.00	0.35071	409492.39	3730854.00	0.31202
409512.39	3730854.00	0.27817	409552.39	3730854.00	0.22319
409572.39	3730854.00	0.20092	409592.39	3730854.00	0.18163
409612.39	3730854.00	0.16483	409652.39	3730854.00	0.13721
409692.39	3730854.00	0.11578	409732.39	3730854.00	0.09888
409752.39	3730854.00	0.09175	409772.39	3730854.00	0.08536
408826.88	3730862.43	0.14352	408846.88	3730862.43	0.15665
408886.88	3730862.43	0.18860	408926.88	3730862.43	0.23001
409226.65	3730860.18	0.86752	409275.96	3730860.53	0.85475
409321.97	3730861.65	0.79127	409432.39	3730874.00	0.52800
409472.39	3730874.00	0.40615	409492.39	3730874.00	0.35709
409512.39	3730874.00	0.31518	409552.39	3730874.00	0.24891

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

409572.39	3730874.00	0.22265	409592.39	3730874.00	0.20015
409612.39	3730874.00	0.18074	409652.39	3730874.00	0.14919
409692.39	3730874.00	0.12500	409732.39	3730874.00	0.10612
408826.88	3730882.43	0.14437	408846.88	3730882.43	0.15795
408886.88	3730882.43	0.19143	408926.88	3730882.43	0.23566
408966.88	3730882.43	0.29508	408986.88	3730882.43	0.33229
409006.88	3730882.43	0.37556	409026.88	3730882.43	0.42609
409046.88	3730882.43	0.48435	409066.88	3730882.43	0.55191

409086.88	3730882.43	0.62922	409106.88	3730882.43	0.71516
409126.88	3730882.43	0.80808	409175.15	3730884.08	1.05373
409226.65	3730880.18	1.14664	409275.96	3730880.53	1.15116
409321.97	3730881.65	1.04999	409432.39	3730894.00	0.63804
409472.39	3730894.00	0.47477	409492.39	3730894.00	0.41218
409512.39	3730894.00	0.35997	409552.39	3730894.00	0.27958
409572.39	3730894.00	0.24841	409592.39	3730894.00	0.22198
409612.39	3730894.00	0.19939	409652.39	3730894.00	0.16309
409672.39	3730894.00	0.14843	409692.39	3730894.00	0.13561
409732.39	3730894.00	0.11437	408826.88	3730902.43	0.14434
408846.88	3730902.43	0.15822	408886.88	3730902.43	0.19276
408926.88	3730902.43	0.23912	408966.88	3730902.43	0.30300
408986.88	3730902.43	0.34395	409006.88	3730902.43	0.39253
409026.88	3730902.43	0.45051	409046.88	3730902.43	0.51921
409066.88	3730902.43	0.60189	409086.88	3730902.43	0.70084
409175.15	3730904.08	1.34251	409226.65	3730900.18	1.56773
409275.96	3730900.53	1.62413	409321.97	3730901.65	1.45583
409412.39	3730914.00	0.93318	409432.39	3730914.00	0.78359
409472.39	3730914.00	0.56194	409492.39	3730914.00	0.48130
409512.39	3730914.00	0.41555	409552.39	3730914.00	0.31695
409572.39	3730914.00	0.27958	409592.39	3730914.00	0.24818
409612.39	3730914.00	0.22162	409652.39	3730914.00	0.17942
409692.39	3730914.00	0.14790	409732.39	3730914.00	0.12383
408826.88	3730922.43	0.14344	408846.88	3730922.43	0.15742
408886.88	3730922.43	0.19246	408926.88	3730922.43	0.24015
408966.88	3730922.43	0.30692	408986.88	3730922.43	0.35069
409006.88	3730922.43	0.40378	409026.88	3730922.43	0.46840
409046.88	3730922.43	0.54698	409066.88	3730922.43	0.64451
409086.88	3730922.43	0.76618	409175.15	3730924.08	1.72528
409226.65	3730920.18	2.23584	409275.96	3730920.53	2.43600
409321.97	3730921.65	2.14555	409341.97	3730921.65	1.89435
409732.39	3730934.00	0.13479	408826.88	3730942.43	0.14164

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408846.88	3730942.43	0.15554	408886.88	3730942.43	0.19053
408926.88	3730942.43	0.23859	408966.88	3730942.43	0.30675
408986.88	3730942.43	0.35217	409006.88	3730942.43	0.40830
409026.88	3730942.43	0.47750	409046.88	3730942.43	0.56366
409066.88	3730942.43	0.67369	409086.88	3730942.43	0.81666
409175.15	3730944.08	2.21290	409412.39	3730954.00	1.62643
409432.39	3730954.00	1.27843	409452.39	3730954.00	1.02431
409472.39	3730954.00	0.83511	409516.95	3730961.60	0.59931
409536.95	3730961.60	0.50726	409556.95	3730961.60	0.43411
409576.95	3730961.60	0.37511	409596.95	3730961.60	0.32696
409616.95	3730961.60	0.28719	409636.95	3730961.60	0.25401
409656.95	3730961.60	0.22611	409676.95	3730961.60	0.20240
409696.95	3730961.60	0.18214	409716.95	3730961.60	0.16471
409732.39	3730954.00	0.14750	408826.88	3730962.43	0.13902
408846.88	3730962.43	0.15265	408886.88	3730962.43	0.18706
408926.88	3730962.43	0.23457	408966.88	3730962.43	0.30279
408986.88	3730962.43	0.34857	409006.88	3730962.43	0.40539
409026.88	3730962.43	0.47655	409046.88	3730962.43	0.56664
409066.88	3730962.43	0.68452	409086.88	3730962.43	0.84215
409195.15	3730964.08	3.82352	409215.15	3730964.08	5.25513
409235.15	3730964.08	6.72630	409255.15	3730964.08	7.79530
409275.15	3730964.08	8.26474	409295.15	3730964.08	8.15903
409315.15	3730964.08	7.47080	409335.15	3730964.08	6.22481
409472.39	3730974.00	1.05909	408826.88	3730982.43	0.13563
408846.88	3730982.43	0.14890	408886.88	3730982.43	0.18226
408926.88	3730982.43	0.22844	408966.88	3730982.43	0.29488
408986.88	3730982.43	0.33960	409006.88	3730982.43	0.39526
409026.88	3730982.43	0.46572	409046.88	3730982.43	0.55573

409066.88	3730982.43	0.67494	409086.88	3730982.43	0.83777
409412.39	3730994.00	3.45458	409432.39	3730994.00	2.42182
409452.39	3730994.00	1.78657	409472.39	3730994.00	1.36775
408826.88	3731002.43	0.13165	408846.88	3731002.43	0.14440
408886.88	3731002.43	0.17637	408926.88	3731002.43	0.22045
408966.88	3731002.43	0.28388	408986.88	3731002.43	0.32646
409006.88	3731002.43	0.37951	409026.88	3731002.43	0.44679
409046.88	3731002.43	0.53335	409066.88	3731002.43	0.64834
409086.88	3731002.43	0.80703	409086.88	3731022.43	0.76100
408818.97	3731039.27	0.11953	408838.97	3731039.27	0.13058
408858.97	3731039.27	0.14329	408878.97	3731039.27	0.15800
408898.97	3731039.27	0.17517	408918.97	3731039.27	0.19541
*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave					*** 06/24/25
*** AERMET - VERSION 22112 *** *** Construction HRA					*** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408938.97	3731039.27	0.21954	408958.97	3731039.27	0.24852
408978.97	3731039.27	0.28359	408998.97	3731039.27	0.32667
409018.97	3731039.27	0.38076	409038.97	3731039.27	0.44987
409058.97	3731039.27	0.54027	409076.60	3731038.48	0.64718
408952.39	3731094.00	0.21552	408972.39	3731094.00	0.24512
409012.39	3731094.00	0.32699	409032.39	3731094.00	0.38466
409052.39	3731094.00	0.45919	409072.39	3731094.00	0.55735
409333.04	3731097.23	24.77316	408952.39	3731114.00	0.21133
408972.39	3731114.00	0.24074	409012.39	3731114.00	0.32185
409032.39	3731114.00	0.37855	409052.39	3731114.00	0.45095
409072.39	3731114.00	0.54455	409112.49	3731137.53	0.76318

409172.39	3731114.00	1.73909	409192.39	3731114.00	2.32629
409212.39	3731114.00	3.40590	409232.39	3731114.00	5.84075
409252.39	3731114.00	9.82266	409272.39	3731114.00	13.68430
409292.39	3731114.00	16.50703	409333.04	3731117.23	17.51492
409472.39	3731114.00	3.21683	409492.39	3731114.00	2.54169
409532.39	3731114.00	1.65159	409572.39	3731114.00	1.12021
409592.39	3731114.00	0.93563	409612.39	3731114.00	0.78829
409632.39	3731114.00	0.66964	409652.39	3731114.00	0.57329
409672.39	3731114.00	0.49442	409692.39	3731114.00	0.42936
408952.39	3731134.00	0.20900	408972.39	3731134.00	0.23829
409012.39	3731134.00	0.31818	409032.39	3731134.00	0.37295
409052.39	3731134.00	0.44144	409072.39	3731134.00	0.52754
409333.04	3731137.23	12.83435	409472.39	3731134.00	3.20501
409492.39	3731134.00	2.57534	409532.39	3731134.00	1.72128
409552.39	3731134.00	1.42628	409572.39	3731134.00	1.19101
409612.39	3731134.00	0.84882	409632.39	3731134.00	0.72392
409652.39	3731134.00	0.62150	409672.39	3731134.00	0.53694
409692.39	3731134.00	0.46670	409712.39	3731134.00	0.40805
409732.39	3731134.00	0.35878	408952.39	3731154.00	0.20765
408972.39	3731154.00	0.23652	409012.39	3731154.00	0.31356
409032.39	3731154.00	0.36483	409052.39	3731154.00	0.42719
409072.39	3731154.00	0.50298	409092.39	3731154.00	0.59497
409112.39	3731154.00	0.70639	409172.39	3731154.00	1.21654
409192.39	3731154.00	1.52136	409212.39	3731154.00	2.06357
409232.39	3731154.00	3.06316	409252.39	3731154.00	4.61905
409272.39	3731154.00	6.44719	409292.39	3731154.00	8.16874
409333.04	3731157.23	9.66388	409432.39	3731154.00	4.88296
409452.39	3731154.00	3.88362	409472.39	3731154.00	3.12732
409492.39	3731154.00	2.55155	409532.39	3731154.00	1.75201

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

409452.39	3731214.00	3.19248	409472.39	3731214.00	2.70460
409492.39	3731214.00	2.29469	409532.39	3731214.00	1.68134
409552.39	3731214.00	1.45273	409572.39	3731214.00	1.26145
409612.39	3731214.00	0.96160	409632.39	3731214.00	0.84321
409652.39	3731214.00	0.74127	409672.39	3731214.00	0.65314
409692.39	3731214.00	0.57686	409712.39	3731214.00	0.51075
409732.39	3731214.00	0.45388	408952.39	3731234.00	0.19385
408972.39	3731234.00	0.21490	409012.39	3731234.00	0.26400
409032.39	3731234.00	0.29233	409052.39	3731234.00	0.32350

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409072.39	3731234.00	0.35792	409092.39	3731234.00	0.39625
409112.39	3731234.00	0.43840	409132.39	3731234.00	0.49013
409172.39	3731234.00	0.63384	409192.39	3731234.00	0.75438
409212.39	3731234.00	0.94347	409232.39	3731234.00	1.23676
409252.39	3731234.00	1.65757	409272.39	3731234.00	2.19572
409292.39	3731234.00	2.79957	409312.39	3731234.00	3.38735
409332.39	3731234.00	3.85827	409432.39	3731234.00	3.37621
409452.39	3731234.00	2.94336	409472.39	3731234.00	2.53692
409492.39	3731234.00	2.18048	409532.39	3731234.00	1.62715
409552.39	3731234.00	1.41689	409572.39	3731234.00	1.23983
408952.39	3731254.00	0.18617	408972.39	3731254.00	0.20440
409072.39	3731254.00	0.32255	409092.39	3731254.00	0.35372
409112.39	3731254.00	0.38799	409132.39	3731254.00	0.43069
409172.39	3731254.00	0.55077	409192.39	3731254.00	0.65092

409212.39	3731254.00	0.80280	409232.39	3731254.00	1.03463
409252.39	3731254.00	1.36104	409272.39	3731254.00	1.77663
409292.39	3731254.00	2.25407	409312.39	3731254.00	2.73092
409332.39	3731254.00	3.13522	409432.39	3731254.00	3.03203
409452.39	3731254.00	2.69909	409472.39	3731254.00	2.36644
409492.39	3731254.00	2.06095	409532.39	3731254.00	1.56597
409552.39	3731254.00	1.37327	409572.39	3731254.00	1.20972
409612.39	3731254.00	0.94919	409632.39	3731254.00	0.84415
409652.39	3731254.00	0.75220	409672.39	3731254.00	0.67137
409692.39	3731254.00	0.60015	409712.39	3731254.00	0.53731
409732.39	3731254.00	0.48183	409412.39	3731274.00	2.91431
409532.39	3731274.00	1.50058	409552.39	3731274.00	1.32487
409572.39	3731274.00	1.17396	409612.39	3731274.00	0.93213
409632.39	3731274.00	0.83414	409652.39	3731274.00	0.74779
409672.39	3731274.00	0.67132	409692.39	3731274.00	0.60341
409712.39	3731274.00	0.54302	409732.39	3731274.00	0.48930
409412.39	3731294.00	2.55599	409432.39	3731294.00	2.42776
409452.39	3731294.00	2.24304	409472.39	3731294.00	2.03169
409492.39	3731294.00	1.81717	409532.39	3731294.00	1.43281
409552.39	3731294.00	1.27349	409572.39	3731294.00	1.13461
409612.39	3731294.00	0.91038	409632.39	3731294.00	0.81909
409652.39	3731294.00	0.73841	409672.39	3731294.00	0.66660
409692.39	3731294.00	0.60247	409712.39	3731294.00	0.54513
409732.39	3731294.00	0.49354	408832.39	3731314.00	0.10199
408852.39	3731314.00	0.10980	408872.39	3731314.00	0.11813
408892.39	3731314.00	0.12700	408912.39	3731314.00	0.13638

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

408932.39	3731314.00	0.14628	408952.39	3731314.00	0.15671
408972.39	3731314.00	0.16773	408992.39	3731314.00	0.17941
409012.39	3731314.00	0.19191	409032.39	3731314.00	0.20544
409052.39	3731314.00	0.22029	409072.39	3731314.00	0.23682
409092.39	3731314.00	0.25552	409112.39	3731314.00	0.27714
409132.39	3731314.00	0.30302	409172.39	3731314.00	0.37909
409192.39	3731314.00	0.44025	409212.39	3731314.00	0.52804
409232.39	3731314.00	0.65216	409252.39	3731314.00	0.81998
409272.39	3731314.00	1.03261	409292.39	3731314.00	1.28156
409312.39	3731314.00	1.54796	409332.39	3731314.00	1.79868
409432.39	3731314.00	2.16694	409452.39	3731314.00	2.03523
409472.39	3731314.00	1.87235	409492.39	3731314.00	1.69696
409532.39	3731314.00	1.36389	409552.39	3731314.00	1.22016
409572.39	3731314.00	1.09314	409732.39	3731314.00	0.49443
408852.39	3731334.00	0.10598	408872.39	3731334.00	0.11329
409332.39	3731334.00	1.52097	409412.39	3731334.00	1.97383
409432.39	3731334.00	1.93387	409452.39	3731334.00	1.84478
409472.39	3731334.00	1.72094	409492.39	3731334.00	1.57989
409532.39	3731334.00	1.29471	409552.39	3731334.00	1.16618
409572.39	3731334.00	1.05051	409612.39	3731334.00	0.85846
409632.39	3731334.00	0.77925	409652.39	3731334.00	0.70887
409672.39	3731334.00	0.64603	409692.39	3731334.00	0.58955
409712.39	3731334.00	0.53849	409732.39	3731334.00	0.49226
408852.39	3731354.00	0.10165	408872.39	3731354.00	0.10800
408892.39	3731354.00	0.11461	408932.39	3731354.00	0.12865
408952.39	3731354.00	0.13616	408972.39	3731354.00	0.14411
408992.39	3731354.00	0.15260	409012.39	3731354.00	0.16180
409032.39	3731354.00	0.17189	409072.39	3731354.00	0.19567
409092.39	3731354.00	0.20998	409112.39	3731354.00	0.22603
409172.39	3731354.00	0.30523	409192.39	3731354.00	0.35098
409212.39	3731354.00	0.41451	409232.39	3731354.00	0.50152
409252.39	3731354.00	0.61645	409272.39	3731354.00	0.76060
409292.39	3731354.00	0.93027	409332.39	3731354.00	1.29714
409412.39	3731354.00	1.73903	409532.39	3731354.00	1.22579

409552.39	3731354.00	1.11187	409572.39	3731354.00	1.00738
409612.39	3731354.00	0.83066	409632.39	3731354.00	0.75685
409652.39	3731354.00	0.69116	409672.39	3731354.00	0.63229
409692.39	3731354.00	0.57928	409712.39	3731354.00	0.53127
409732.39	3731354.00	0.48764	408852.39	3731374.00	0.09697
408872.39	3731374.00	0.10244	408892.39	3731374.00	0.10811

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

408932.39	3731374.00	0.12012	408952.39	3731374.00	0.12640
408972.39	3731374.00	0.13317	408992.39	3731374.00	0.14061
409012.39	3731374.00	0.14890	409032.39	3731374.00	0.15781
409072.39	3731374.00	0.17887	409092.39	3731374.00	0.19157
409112.39	3731374.00	0.20544	409172.39	3731374.00	0.27603
409192.39	3731374.00	0.31588	409212.39	3731374.00	0.37041
409232.39	3731374.00	0.44390	409252.39	3731374.00	0.53855
409272.39	3731374.00	0.65934	409292.39	3731374.00	0.80326
409332.39	3731374.00	1.11345	409412.39	3731374.00	1.53541
409432.39	3731374.00	1.54248	409452.39	3731374.00	1.51092
409472.39	3731374.00	1.44568	409492.39	3731374.00	1.35929
409532.39	3731374.00	1.15780	409552.39	3731374.00	1.05782
409572.39	3731374.00	0.96413	409612.39	3731374.00	0.80167
409632.39	3731374.00	0.73291	409652.39	3731374.00	0.67154
409672.39	3731374.00	0.61653	409692.39	3731374.00	0.56691
409712.39	3731374.00	0.52193	409732.39	3731374.00	0.48094
408852.39	3731394.00	0.09210	408872.39	3731394.00	0.09681

408892.39	3731394.00	0.10167	408932.39	3731394.00	0.11191
408952.39	3731394.00	0.11685	408972.39	3731394.00	0.12276
408992.39	3731394.00	0.12926	409012.39	3731394.00	0.13659
409032.39	3731394.00	0.14531	409072.39	3731394.00	0.16412
409092.39	3731394.00	0.17547	409112.39	3731394.00	0.18795
409132.39	3731394.00	0.20452	409172.39	3731394.00	0.25001
409332.39	3731394.00	0.96449	409412.39	3731394.00	1.35620
409432.39	3731394.00	1.37665	409452.39	3731394.00	1.36354
409472.39	3731394.00	1.32110	409492.39	3731394.00	1.25690
409532.39	3731394.00	1.09119	409552.39	3731394.00	1.00435
409572.39	3731394.00	0.92108	408852.39	3731414.00	0.08718
408872.39	3731414.00	0.09124	408892.39	3731414.00	0.09545
408932.39	3731414.00	0.10435	408952.39	3731414.00	0.10869
408992.39	3731414.00	0.12033	409012.39	3731414.00	0.12634
409032.39	3731414.00	0.13421	409072.39	3731414.00	0.15112
409092.39	3731414.00	0.16132	409112.39	3731414.00	0.17245
409132.39	3731414.00	0.18726	409172.39	3731414.00	0.22876
409192.39	3731414.00	0.25949	409212.39	3731414.00	0.30086
409232.39	3731414.00	0.35513	409252.39	3731414.00	0.42435
409272.39	3731414.00	0.51035	409292.39	3731414.00	0.61264
409332.39	3731414.00	0.83934	409412.39	3731414.00	1.20098
409432.39	3731414.00	1.23187	409452.39	3731414.00	1.23313
409472.39	3731414.00	1.20693	409492.39	3731414.00	1.16061

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

409532.39	3731414.00	1.02624	409552.39	3731414.00	0.95183
409572.39	3731414.00	0.87820	409592.39	3731414.00	0.80831
409612.39	3731414.00	0.74348	409632.39	3731414.00	0.68439
409652.39	3731414.00	0.63089	409672.39	3731414.00	0.58259
409692.39	3731414.00	0.53899	409712.39	3731414.00	0.49934
409732.39	3731414.00	0.46314	408852.39	3731434.00	0.08234
408872.39	3731434.00	0.08586	408892.39	3731434.00	0.08952
408932.39	3731434.00	0.09729	408952.39	3731434.00	0.10127
408992.39	3731434.00	0.11168	409012.39	3731434.00	0.11728
409032.39	3731434.00	0.12414	409072.39	3731434.00	0.13961
409092.39	3731434.00	0.14869	409112.39	3731434.00	0.15877
409132.39	3731434.00	0.17218	409332.39	3731434.00	0.73548
409412.39	3731434.00	1.06893	409432.39	3731434.00	1.10627
409532.39	3731434.00	0.96347	409552.39	3731434.00	0.89978
409572.39	3731434.00	0.83554	409592.39	3731434.00	0.77332
409612.39	3731434.00	0.71445	409632.39	3731434.00	0.66004
409652.39	3731434.00	0.61031	409672.39	3731434.00	0.56507
409692.39	3731434.00	0.52404	409712.39	3731434.00	0.48673
409732.39	3731434.00	0.45263	408852.39	3731454.00	0.07765
408872.39	3731454.00	0.08073	408892.39	3731454.00	0.08397
408932.39	3731454.00	0.09094	408952.39	3731454.00	0.09461
408992.39	3731454.00	0.10401	409012.39	3731454.00	0.10900
409032.39	3731454.00	0.11514	409072.39	3731454.00	0.12912
409092.39	3731454.00	0.13738	409112.39	3731454.00	0.14679
409132.39	3731454.00	0.15893	409172.39	3731454.00	0.19180
409192.39	3731454.00	0.21617	409212.39	3731454.00	0.24776
409232.39	3731454.00	0.28862	409252.39	3731454.00	0.33926
409272.39	3731454.00	0.40239	409292.39	3731454.00	0.47838
409332.39	3731454.00	0.64813	409412.39	3731454.00	0.95356
409432.39	3731454.00	0.99138	409452.39	3731454.00	1.00962
409472.39	3731454.00	1.00645	409492.39	3731454.00	0.98566
409532.39	3731454.00	0.90274	409552.39	3731454.00	0.84937
409572.39	3731454.00	0.79393	409592.39	3731454.00	0.73881
409612.39	3731454.00	0.68560	409632.39	3731454.00	0.63572
409652.39	3731454.00	0.58961	409672.39	3731454.00	0.54734
409692.39	3731454.00	0.50879	409712.39	3731454.00	0.47365
409732.39	3731454.00	0.44154	409072.39	3731474.00	0.12000

409092.39	3731474.00	0.12759	409112.39	3731474.00	0.13615
409132.39	3731474.00	0.14719	409172.39	3731474.00	0.17672
409192.39	3731474.00	0.19818	409212.39	3731474.00	0.22597

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409232.39	3731474.00	0.26140	409252.39	3731474.00	0.30572
409272.39	3731474.00	0.35947	409292.39	3731474.00	0.42774
409312.39	3731474.00	0.49917	409332.39	3731474.00	0.57416
409412.39	3731474.00	0.84920	409432.39	3731474.00	0.88925
409452.39	3731474.00	0.91206	409472.39	3731474.00	0.91739
409492.39	3731474.00	0.90694	409532.39	3731474.00	0.84519
409552.39	3731474.00	0.80158	409572.39	3731474.00	0.75405
409592.39	3731474.00	0.70530	409612.39	3731474.00	0.65729
409632.39	3731474.00	0.61165	409652.39	3731474.00	0.56904
409672.39	3731474.00	0.52968	409692.39	3731474.00	0.49352
409712.39	3731474.00	0.46044	409732.39	3731474.00	0.43020
409772.39	3731474.00	0.37682	409792.39	3731474.00	0.35311
408832.39	3731494.00	0.06667	408852.39	3731494.00	0.06899
408872.39	3731494.00	0.07145	408892.39	3731494.00	0.07407
408912.39	3731494.00	0.07690	408932.39	3731494.00	0.07998
408952.39	3731494.00	0.08327	408972.39	3731494.00	0.08684
408992.39	3731494.00	0.09087	409012.39	3731494.00	0.09541
409032.39	3731494.00	0.10027	409052.39	3731494.00	0.10598
409072.39	3731494.00	0.11202	409092.39	3731494.00	0.11893
409112.39	3731494.00	0.12679	409132.39	3731494.00	0.13680

409172.39	3731494.00	0.16395	409192.39	3731494.00	0.18354
409212.39	3731494.00	0.20770	409232.39	3731494.00	0.23960
409252.39	3731494.00	0.27802	409272.39	3731494.00	0.32439
409292.39	3731494.00	0.38348	409312.39	3731494.00	0.44427
409332.39	3731494.00	0.51084	409412.39	3731494.00	0.76063
409432.39	3731494.00	0.80259	409452.39	3731494.00	0.82784
409472.39	3731494.00	0.83846	409492.39	3731494.00	0.83457
409532.39	3731494.00	0.78966	409552.39	3731494.00	0.75445
409572.39	3731494.00	0.71460	409592.39	3731494.00	0.67250
409612.39	3731494.00	0.62961	409632.39	3731494.00	0.58785
409652.39	3731494.00	0.54867	409672.39	3731494.00	0.51216
409692.39	3731494.00	0.47831	409712.39	3731494.00	0.44718
409732.39	3731494.00	0.41863	409752.39	3731494.00	0.39239
409772.39	3731494.00	0.36819	409792.39	3731494.00	0.34578
408832.39	3731514.00	0.06298	408852.39	3731514.00	0.06508
408872.39	3731514.00	0.06731	408892.39	3731514.00	0.06971
408912.39	3731514.00	0.07230	408932.39	3731514.00	0.07511
408952.39	3731514.00	0.07808	408972.39	3731514.00	0.08140
408992.39	3731514.00	0.08513	409012.39	3731514.00	0.08936
409032.39	3731514.00	0.09384	409052.39	3731514.00	0.09912

*** AERMOD - VERSION 24142 *** ** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** ** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

409072.39	3731514.00	0.10465	409092.39	3731514.00	0.11105
409112.39	3731514.00	0.11820	409132.39	3731514.00	0.12736
409312.39	3731514.00	0.39902	409332.39	3731514.00	0.45730

409412.39	3731514.00	0.68436	409532.39	3731514.00	0.73726
409552.39	3731514.00	0.70882	409572.39	3731514.00	0.67614
409592.39	3731514.00	0.64028	409612.39	3731514.00	0.60229
409632.39	3731514.00	0.56450	409652.39	3731514.00	0.52860
409672.39	3731514.00	0.49486	409692.39	3731514.00	0.46326
409712.39	3731514.00	0.43398	409732.39	3731514.00	0.40702
409752.39	3731514.00	0.38221	409772.39	3731514.00	0.35931
409792.39	3731514.00	0.33811			

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408826.88	3730582.43	15.25841 (19010208)	408846.88	3730582.43	14.91096 (19010208)
408866.88	3730582.43	14.52182 (19010208)	409066.88	3730582.43	11.89265 (23011808)
409086.88	3730582.43	11.90098 (22122208)	409106.88	3730582.43	11.95776 (22122208)
409126.88	3730582.43	11.95658 (22122208)	409175.15	3730584.08	11.75423 (22122208)
409235.15	3730584.08	11.74465 (22120908)	409275.15	3730584.08	11.48529 (22120908)
409315.15	3730584.08	11.04133 (22120908)	409335.15	3730584.08	10.76057 (22120908)
409428.52	3730594.00	10.94100 (21020508)	409472.39	3730594.00	11.01054 (21020508)
409523.35	3730595.29	11.00808 (21020508)	409572.39	3730594.00	10.78049 (21020508)
409592.39	3730594.00	10.67091 (21020508)	409612.39	3730594.00	10.54323 (21020508)
409632.39	3730594.00	10.39840 (21020508)	409652.39	3730594.00	10.23617 (21020508)
409672.39	3730594.00	10.05773 (21020508)	409692.39	3730594.00	9.86581 (21020508)
409712.39	3730594.00	9.66186 (21020508)	409732.39	3730594.00	9.44739 (21020508)
409752.39	3730594.00	9.22231 (21020508)	409772.39	3730594.00	8.98935 (21020508)

408826.88	3730602.43	16.57240 (19010208)	408846.88	3730602.43	16.27546 (19010208)
408866.88	3730602.43	15.92801 (19010208)	408906.88	3730602.43	15.10737 (19010208)
408926.88	3730602.43	14.63943 (19010208)	408946.88	3730602.43	14.14728 (19010208)
408966.88	3730602.43	13.63366 (19010208)	408986.88	3730602.43	13.10813 (19010208)
409006.88	3730602.43	12.58026 (19010208)	409026.88	3730602.43	12.57056 (23011808)
409046.88	3730602.43	12.60519 (23011808)	409066.88	3730602.43	12.57592 (23011808)
409086.88	3730602.43	12.49799 (23011808)	409106.88	3730602.43	12.50498 (22122208)
409126.88	3730602.43	12.55050 (22122208)	409175.15	3730604.08	12.43990 (22122208)
409235.15	3730604.08	12.35431 (22120908)	409275.15	3730604.08	12.14437 (22120908)
409315.15	3730604.08	11.74256 (22120908)	409335.15	3730604.08	11.47947 (22120908)
409428.52	3730614.00	11.68577 (21020508)	409572.39	3730614.00	11.50325 (21020508)
409592.39	3730614.00	11.37995 (21020508)	409612.39	3730614.00	11.23587 (21020508)
409632.39	3730614.00	11.07212 (21020508)	409652.39	3730614.00	10.88968 (21020508)
409672.39	3730614.00	10.68945 (21020508)	409692.39	3730614.00	10.47388 (21020508)
409712.39	3730614.00	10.24504 (21020508)	409732.39	3730614.00	10.00475 (21020508)
409752.39	3730614.00	9.75293 (21020508)	409772.39	3730614.00	9.49179 (21020508)
409251.24	3730720.44	17.12020 (22122208)	409175.15	3730624.08	13.15762 (22122208)
409315.15	3730624.08	12.49080 (22120908)	409335.15	3730624.08	12.24933 (22120908)
409428.52	3730634.00	12.51252 (21020508)	409472.39	3730634.00	12.60322 (21020508)
409492.39	3730634.00	12.60058 (21020508)	409512.39	3730634.00	12.56876 (21020508)
409572.39	3730634.00	12.30533 (21020508)	409592.39	3730634.00	12.16594 (21020508)
409612.39	3730634.00	12.00267 (21020508)	409632.39	3730634.00	11.81727 (21020508)
409652.39	3730634.00	11.61099 (21020508)	409672.39	3730634.00	11.38558 (21020508)
409692.39	3730634.00	11.14254 (21020508)	409712.39	3730634.00	10.88491 (21020508)
409732.39	3730634.00	10.61469 (21020508)	409752.39	3730634.00	10.33213 (21020508)
409772.39	3730634.00	10.03921 (21020508)	409251.24	3730740.44	18.43714 (19010208)
408825.58	3730653.45	20.00424 (22121408)	408845.58	3730653.45	19.86430 (19010208)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408865.58	3730653.45	19.71653 (19010208)	408885.58	3730653.45	19.46737 (19010208)
408905.58	3730653.45	19.18947 (19010208)	408925.58	3730653.45	18.82723 (19010208)
408945.58	3730653.45	18.41005 (19010208)	408965.58	3730653.45	17.93816 (19010208)
408985.58	3730653.45	17.42662 (19010208)	409005.58	3730653.45	16.88632 (19010208)
409025.58	3730653.45	16.32022 (19010208)	409045.58	3730653.45	15.73234 (19010208)
409065.58	3730653.45	15.12860 (19010208)	409085.58	3730653.45	14.51749 (19010208)
409105.58	3730653.45	14.43603 (23011808)	409125.58	3730653.45	14.34876 (23011808)
409175.15	3730644.08	13.90515 (22122208)	409215.15	3730644.08	13.65218 (22122208)
409235.15	3730644.08	13.68139 (22120908)	409255.15	3730644.08	13.66593 (22120908)
409275.15	3730644.08	13.59514 (22120908)	409295.15	3730644.08	13.47019 (22120908)
409315.15	3730644.08	13.29802 (22120908)	409335.15	3730644.08	13.07434 (22120908)
409428.52	3730654.00	13.43410 (21020508)	409472.39	3730654.00	13.53783 (21020508)
409492.39	3730654.00	13.53460 (21020508)	409512.39	3730654.00	13.49906 (21020508)
409572.39	3730654.00	13.19883 (21020508)	409592.39	3730654.00	13.04142 (21020508)
409612.39	3730654.00	12.85657 (21020508)	409632.39	3730654.00	12.64616 (21020508)
409652.39	3730654.00	12.41215 (21020508)	409672.39	3730654.00	12.15646 (21020508)
409692.39	3730654.00	11.88131 (21020508)	409712.39	3730654.00	11.58979 (21020508)
409732.39	3730654.00	11.28435 (21020508)	409752.39	3730654.00	10.96575 (21020508)
409772.39	3730654.00	10.63591 (21020508)	409251.24	3730760.44	21.41390 (19010208)
409175.15	3730664.08	14.68904 (22122208)	409428.52	3730674.00	14.46569 (21020508)
409472.39	3730674.00	14.58443 (21020508)	409492.39	3730674.00	14.58037 (21020508)
409512.39	3730674.00	14.53998 (21020508)	409572.39	3730674.00	14.20382 (21020508)
409592.39	3730674.00	14.02577 (21020508)	409612.39	3730674.00	13.81464 (21020508)
409632.39	3730674.00	13.57428 (21020508)	409652.39	3730674.00	13.30691 (21020508)
409672.39	3730674.00	13.01491 (21020508)	409692.39	3730674.00	12.70154 (21020508)
409712.39	3730674.00	12.36956 (21020508)	409732.39	3730674.00	12.02252 (21020508)
409752.39	3730674.00	11.66265 (21020508)	409772.39	3730674.00	11.28838 (21020508)
409251.24	3730780.44	24.84570 (19010208)	408826.88	3730682.43	22.25782 (22121408)
408846.88	3730682.43	22.16849 (22121408)	408866.88	3730682.43	21.98288 (22121408)
408886.88	3730682.43	21.74524 (19010208)	408906.88	3730682.43	21.61608 (19010208)
408926.88	3730682.43	21.37669 (19010208)	408946.88	3730682.43	21.05242 (19010208)

408966.88	3730682.43	20.66369 (19010208)	408986.88	3730682.43	20.20768 (19010208)
409006.88	3730682.43	19.70690 (19010208)	409026.88	3730682.43	19.15493 (19010208)
409046.88	3730682.43	18.57012 (19010208)	409066.88	3730682.43	17.96217 (19010208)
409086.88	3730682.43	17.33376 (19010208)	409106.88	3730682.43	16.68116 (19010208)
409126.88	3730682.43	16.01822 (19010208)	409175.15	3730684.08	15.50836 (22122208)
409215.15	3730684.08	15.43679 (22122208)	409235.15	3730684.08	15.31161 (22122208)
409255.15	3730684.08	15.24570 (22120908)	409275.15	3730684.08	15.24444 (22120908)
409295.15	3730684.08	15.19010 (22120908)	409315.15	3730684.08	15.08310 (22120908)
409428.52	3730694.00	15.62587 (21020508)	409472.39	3730694.00	15.76170 (21020508)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
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409492.39	3730694.00	15.75722 (21020508)	409512.39	3730694.00	15.71088 (21020508)
409572.39	3730694.00	15.32715 (21020508)	409592.39	3730694.00	15.12410 (21020508)
409612.39	3730694.00	14.88281 (21020508)	409652.39	3730694.00	14.30164 (21020508)
409672.39	3730694.00	13.96795 (21020508)	409692.39	3730694.00	13.61091 (21020508)
409712.39	3730694.00	13.23189 (21020508)	409732.39	3730694.00	12.83772 (21020508)
409772.39	3730694.00	12.00507 (21020508)	409251.24	3730800.44	28.78037 (19010208)
409175.15	3730704.08	16.74245 (19010208)	409321.97	3730701.65	15.90959 (22120908)
409428.52	3730714.00	16.93691 (21020508)	409472.39	3730714.00	17.09290 (21020508)
409492.39	3730714.00	17.08791 (21020508)	409512.39	3730714.00	17.03295 (21020508)
409572.39	3730714.00	16.59560 (21020508)	409592.39	3730714.00	16.36313 (21020508)
409612.39	3730714.00	16.08418 (21020508)	409732.39	3730714.00	13.74264 (21020508)
409772.39	3730714.00	12.79403 (21020508)	409251.24	3730820.44	33.25300 (19010208)

408826.88	3730722.43	26.06132 (20012908)	408846.88	3730722.43	25.80684 (20012908)
408886.88	3730722.43	25.51292 (22121408)	408906.88	3730722.43	25.38268 (22121408)
408926.88	3730722.43	25.24184 (22121408)	408966.88	3730722.43	24.74495 (19010208)
408986.88	3730722.43	24.47698 (19010208)	409006.88	3730722.43	24.10833 (19010208)
409026.88	3730722.43	23.66529 (19010208)	409046.88	3730722.43	23.15882 (19010208)
409066.88	3730722.43	22.59725 (19010208)	409086.88	3730722.43	21.99296 (19010208)
409106.88	3730722.43	21.35481 (19010208)	409126.88	3730722.43	20.68396 (19010208)
409175.15	3730724.08	19.18999 (19010208)	409226.65	3730720.18	17.21743 (22122208)
409275.96	3730720.53	16.96266 (22120908)	409321.97	3730721.65	16.98631 (22120908)
409428.52	3730734.00	18.42669 (21020508)	409472.39	3730734.00	18.60642 (21020508)
409492.39	3730734.00	18.60085 (21020508)	409512.39	3730734.00	18.53911 (21020508)
409572.39	3730734.00	18.03421 (21020508)	409592.39	3730734.00	17.76874 (21020508)
409612.39	3730734.00	17.44768 (21020508)	409652.39	3730734.00	16.68208 (21020508)
409692.39	3730734.00	15.76872 (21020508)	409732.39	3730734.00	14.75207 (21020508)
409772.39	3730734.00	13.66571 (21020508)	409251.24	3730840.44	38.31981 (19010208)
408826.88	3730742.43	28.22874 (20012908)	408846.88	3730742.43	28.17951 (20012908)
408886.88	3730742.43	27.72430 (20012908)	408906.88	3730742.43	27.35015 (22121408)
408926.88	3730742.43	27.43722 (22121408)	408966.88	3730742.43	27.02660 (22121408)
408986.88	3730742.43	26.73039 (19010208)	409006.88	3730742.43	26.48826 (19010208)
409026.88	3730742.43	26.15043 (19010208)	409046.88	3730742.43	25.72457 (19010208)
409066.88	3730742.43	25.22605 (19010208)	409086.88	3730742.43	24.67106 (19010208)
409106.88	3730742.43	24.06810 (19010208)	409126.88	3730742.43	23.41971 (19010208)
409175.15	3730744.08	21.95104 (19010208)	409226.65	3730740.18	19.38734 (19010208)
409275.96	3730740.53	18.18748 (22122208)	409321.97	3730741.65	18.16487 (22120908)
409412.39	3730754.00	19.97906 (21020508)	409472.39	3730754.00	20.33728 (21020508)
409492.39	3730754.00	20.33124 (21020508)	409512.39	3730754.00	20.25615 (21020508)
409552.39	3730754.00	19.92115 (21020508)	409572.39	3730754.00	19.67834 (21020508)
409592.39	3730754.00	19.37166 (21020508)	409612.39	3730754.00	19.00005 (21020508)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

408886.88	3730802.43	35.83629 (19010308)	408926.88	3730802.43	35.95117 (20012908)
408966.88	3730802.43	35.86035 (20012908)	408986.88	3730802.43	35.51534 (20012908)
409006.88	3730802.43	34.99238 (20012908)	409026.88	3730802.43	34.89382 (22121408)
409046.88	3730802.43	34.64071 (22121408)	409066.88	3730802.43	34.22407 (22121408)
409086.88	3730802.43	33.89024 (19010208)	409106.88	3730802.43	33.57322 (19010208)
409126.88	3730802.43	33.17007 (19010208)	409175.15	3730804.08	32.25448 (19010208)
409226.65	3730800.18	29.71700 (19010208)	409275.96	3730800.53	27.67389 (19010208)
409321.97	3730801.65	25.49674 (19010208)	409432.39	3730814.00	27.05238 (21020508)
409452.39	3730814.00	27.22901 (21020508)	409472.39	3730814.00	27.32935 (21020508)
409492.39	3730814.00	27.32164 (21020508)	409512.39	3730814.00	27.21373 (21020508)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409552.39	3730814.00	26.69648 (21020508)	409572.39	3730814.00	26.32553 (21020508)
409592.39	3730814.00	25.84593 (21020508)	409612.39	3730814.00	25.25904 (21020508)
409652.39	3730814.00	23.85391 (21020508)	409692.39	3730814.00	22.15293 (21020508)
409732.39	3730814.00	20.25801 (21020508)	409772.39	3730814.00	18.27608 (21020508)
409251.24	3730920.44	66.14890 (19010208)	408826.88	3730822.43	36.04490 (19010308)
408846.88	3730822.43	36.98768 (19010308)	408886.88	3730822.43	38.52758 (19010308)
408926.88	3730822.43	39.34296 (19010308)	408966.88	3730822.43	39.38273 (20012908)
408986.88	3730822.43	39.40108 (20012908)	409006.88	3730822.43	39.18456 (20012908)
409026.88	3730822.43	38.75224 (20012908)	409046.88	3730822.43	38.23877 (22121408)
409066.88	3730822.43	38.06342 (22121408)	409086.88	3730822.43	37.69825 (22121408)
409106.88	3730822.43	37.23903 (19010208)	409126.88	3730822.43	36.98611 (19010208)

409175.15	3730824.08	36.41250 (19010208)	409226.65	3730820.18	34.07734 (19010208)
409275.96	3730820.53	32.21686 (19010208)	409321.97	3730821.65	30.07511 (19010208)
409412.39	3730834.00	29.85763 (21020508)	409432.39	3730834.00	30.17396 (21020508)
409472.39	3730834.00	30.49393 (21020508)	409492.39	3730834.00	30.50370 (21020508)
409512.39	3730834.00	30.37767 (21020508)	409552.39	3730834.00	29.77547 (21020508)
409572.39	3730834.00	29.34819 (21020508)	409592.39	3730834.00	28.79134 (21020508)
409612.39	3730834.00	28.10142 (21020508)	409652.39	3730834.00	26.44756 (21020508)
409692.39	3730834.00	24.43033 (21020508)	408826.88	3730842.43	36.85858 (19010308)
408846.88	3730842.43	38.22152 (19010308)	408886.88	3730842.43	40.69422 (19010308)
408926.88	3730842.43	42.49155 (19010308)	408966.88	3730842.43	43.45290 (19010308)
408986.88	3730842.43	43.57184 (19010308)	409006.88	3730842.43	43.41966 (19010308)
409026.88	3730842.43	43.28211 (20012908)	409046.88	3730842.43	42.98334 (20012908)
409066.88	3730842.43	42.45197 (20012908)	409086.88	3730842.43	41.93941 (22121408)
409106.88	3730842.43	41.64930 (22121408)	409126.88	3730842.43	41.17841 (22121408)
409175.15	3730844.08	40.95889 (19010208)	409226.65	3730840.18	38.97142 (19010208)
409275.96	3730840.53	37.41174 (19010208)	409321.97	3730841.65	35.43697 (19010208)
409412.39	3730854.00	33.53989 (21020508)	409432.39	3730854.00	33.91390 (21020508)
409472.39	3730854.00	34.28362 (21020508)	409492.39	3730854.00	34.28475 (21020508)
409512.39	3730854.00	34.14323 (21020508)	409552.39	3730854.00	33.44895 (21020508)
409572.39	3730854.00	32.95382 (21020508)	409592.39	3730854.00	32.30267 (21020508)
409612.39	3730854.00	31.49036 (21020508)	409652.39	3730854.00	29.53380 (21020508)
409692.39	3730854.00	27.11341 (21020508)	409732.39	3730854.00	24.39942 (21020508)
409752.39	3730854.00	22.99541 (21020508)	409772.39	3730854.00	21.58986 (21020508)
408826.88	3730862.43	36.87149 (19010308)	408846.88	3730862.43	38.64155 (19010308)
408886.88	3730862.43	42.09913 (19010308)	408926.88	3730862.43	45.04485 (19010308)
409226.65	3730860.18	44.42162 (19010208)	409275.96	3730860.53	43.33419 (19010208)
409321.97	3730861.65	41.69335 (19010208)	409432.39	3730874.00	38.42754 (21020508)
409472.39	3730874.00	38.84137 (21020508)	409492.39	3730874.00	38.85286 (21020508)
409512.39	3730874.00	38.69123 (21020508)	409552.39	3730874.00	37.88289 (21020508)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave

*** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA

*** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,

L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,

L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
409572.39	3730874.00	37.31832	(21020508)	409592.39	3730874.00	36.55337	(21020508)
409612.39	3730874.00	35.59993	(21020508)	409652.39	3730874.00	33.26308	(21020508)
409692.39	3730874.00	30.34063	(21020508)	409732.39	3730874.00	27.03753	(21020508)
408826.88	3730882.43	35.99646	(19010308)	408846.88	3730882.43	38.12775	(19010308)
408886.88	3730882.43	42.54653	(19010308)	408926.88	3730882.43	46.72291	(19010308)
408966.88	3730882.43	50.34241	(19010308)	408986.88	3730882.43	51.80341	(19010308)
409006.88	3730882.43	52.91933	(19010308)	409026.88	3730882.43	53.73117	(19010308)
409046.88	3730882.43	54.06937	(19010308)	409066.88	3730882.43	54.13911	(19010308)
409086.88	3730882.43	53.94635	(19010308)	409106.88	3730882.43	53.41492	(19010308)
409126.88	3730882.43	52.69865	(20012908)	409175.15	3730884.08	51.81436	(22121408)
409226.65	3730880.18	50.50426	(19010208)	409275.96	3730880.53	50.08380	(19010208)
409321.97	3730881.65	48.98098	(19010208)	409432.39	3730894.00	45.68264	(19010208)
409472.39	3730894.00	44.41947	(21020508)	409492.39	3730894.00	44.44447	(21020508)
409512.39	3730894.00	44.25803	(21020508)	409552.39	3730894.00	43.32273	(21020508)
409572.39	3730894.00	42.67200	(21020508)	409592.39	3730894.00	41.77999	(21020508)
409612.39	3730894.00	40.65977	(21020508)	409652.39	3730894.00	37.85731	(21020508)
409672.39	3730894.00	36.17089	(21020508)	409692.39	3730894.00	34.28444	(21020508)
409732.39	3730894.00	30.20121	(21020508)	408826.88	3730902.43	37.07794	(19011008)
408846.88	3730902.43	38.50815	(19011008)	408886.88	3730902.43	41.83249	(19010308)
408926.88	3730902.43	47.18382	(19010308)	408966.88	3730902.43	52.40195	(19010308)
408986.88	3730902.43	54.78916	(19010308)	409006.88	3730902.43	56.87613	(19010308)
409026.88	3730902.43	58.62314	(19010308)	409046.88	3730902.43	59.81598	(19010308)
409066.88	3730902.43	60.70663	(19010308)	409086.88	3730902.43	61.25734	(19010308)
409175.15	3730904.08	60.15664	(19010308)	409226.65	3730900.18	57.36104	(19010208)
409275.96	3730900.53	57.82135	(19010208)	409321.97	3730901.65	57.43502	(19010208)
409412.39	3730914.00	57.94098	(19010208)	409432.39	3730914.00	55.86162	(19010208)
409472.39	3730914.00	51.36257	(21020508)	409492.39	3730914.00	51.37341	(21020508)
409512.39	3730914.00	51.17666	(21020508)	409552.39	3730914.00	50.11159	(21020508)
409572.39	3730914.00	49.34907	(21020508)	409592.39	3730914.00	48.31721	(21020508)

409612.39	3730914.00	46.99829 (21020508)	409652.39	3730914.00	43.62596 (21020508)
409692.39	3730914.00	39.20385 (21020508)	409732.39	3730914.00	34.06143 (21020508)
408826.88	3730922.43	37.27053 (19011008)	408846.88	3730922.43	39.08616 (19011008)
408886.88	3730922.43	42.91900 (19011008)	408926.88	3730922.43	46.67433 (19011008)
408966.88	3730922.43	52.84305 (19010308)	408986.88	3730922.43	56.20645 (19010308)
409006.88	3730922.43	59.47322 (19010308)	409026.88	3730922.43	62.46114 (19010308)
409046.88	3730922.43	64.89590 (19010308)	409066.88	3730922.43	66.97408 (19010308)
409086.88	3730922.43	68.62682 (19010308)	409175.15	3730924.08	70.30382 (19010308)
409226.65	3730920.18	66.64285 (19010308)	409275.96	3730920.53	66.73345 (19010208)
409321.97	3730921.65	67.32057 (19010208)	409341.97	3730921.65	66.88596 (19010208)
409732.39	3730934.00	38.90299 (21020508)	408826.88	3730942.43	37.39197 (23120608)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408846.88	3730942.43	39.09435 (23120608)	408886.88	3730942.43	43.14219 (19011008)
408926.88	3730942.43	48.09129 (19011008)	408966.88	3730942.43	53.10748 (19011008)
408986.88	3730942.43	55.70626 (19010308)	409006.88	3730942.43	60.18996 (19010308)
409026.88	3730942.43	64.51049 (19010308)	409046.88	3730942.43	68.46145 (19010308)
409066.88	3730942.43	72.17913 (19010308)	409086.88	3730942.43	75.58338 (19010308)
409175.15	3730944.08	82.06835 (19010308)	409412.39	3730954.00	85.50823 (19010208)
409432.39	3730954.00	83.71961 (19010208)	409452.39	3730954.00	81.66064 (19010208)
409472.39	3730954.00	79.02849 (19010208)	409516.95	3730961.60	78.19871 (19010208)
409536.95	3730961.60	76.25209 (21020508)	409556.95	3730961.60	75.40042 (21020508)
409576.95	3730961.60	74.24108 (21020508)	409596.95	3730961.60	72.66982 (21020508)

409616.95	3730961.60	70.68359 (21020508)	409636.95	3730961.60	68.18727 (21020508)
409656.95	3730961.60	65.07806 (21020508)	409676.95	3730961.60	61.36719 (21020508)
409696.95	3730961.60	57.00263 (21020508)	409716.95	3730961.60	52.08380 (21020508)
409732.39	3730954.00	45.16572 (21020508)	408826.88	3730962.43	36.97222 (23120608)
408846.88	3730962.43	38.98289 (23120608)	408886.88	3730962.43	43.43325 (23120608)
408926.88	3730962.43	48.28758 (23120608)	408966.88	3730962.43	54.37429 (19011008)
408986.88	3730962.43	57.91685 (19011008)	409006.88	3730962.43	61.54362 (19011008)
409026.88	3730962.43	65.07508 (19011008)	409046.88	3730962.43	69.50541 (19010308)
409066.88	3730962.43	75.22008 (19010308)	409086.88	3730962.43	80.90644 (19010308)
409195.15	3730964.08	96.75604 (19010308)	409215.15	3730964.08	97.43808 (19010308)
409235.15	3730964.08	98.02177 (19010308)	409255.15	3730964.08	98.37347 (19010308)
409275.15	3730964.08	98.42752 (19010308)	409295.15	3730964.08	98.11589 (19010308)
409315.15	3730964.08	97.37060 (19010308)	409335.15	3730964.08	96.53907 (19010208)
409472.39	3730974.00	99.33611 (19010208)	408826.88	3730982.43	36.63511 (22011908)
408846.88	3730982.43	38.02419 (22011908)	408886.88	3730982.43	42.48696 (23120608)
408926.88	3730982.43	48.27734 (23120608)	408966.88	3730982.43	54.93611 (23120608)
408986.88	3730982.43	58.59804 (23120608)	409006.88	3730982.43	62.43727 (23120608)
409026.88	3730982.43	67.15764 (19011008)	409046.88	3730982.43	72.12144 (19011008)
409066.88	3730982.43	77.32171 (19011008)	409086.88	3730982.43	82.89238 (19010308)
409412.39	3730994.00	130.43878 (19010208)	409432.39	3730994.00	129.71266 (19010208)
409452.39	3730994.00	128.31292 (19010208)	409472.39	3730994.00	126.10755 (19010208)
408826.88	3731002.43	38.69076 (22011908)	408846.88	3731002.43	40.43550 (22011908)
408886.88	3731002.43	44.31966 (22011908)	408926.88	3731002.43	48.72715 (22011908)
408966.88	3731002.43	53.82460 (22011908)	408986.88	3731002.43	57.90540 (23120608)
409006.88	3731002.43	62.71539 (23120608)	409026.88	3731002.43	68.01118 (23120608)
409046.88	3731002.43	73.67231 (23120608)	409066.88	3731002.43	79.85071 (23120608)
409086.88	3731002.43	87.27275 (19011008)	409086.88	3731022.43	89.11937 (23120608)
408818.97	3731039.27	38.18632 (22011908)	408838.97	3731039.27	40.18242 (22011908)
408858.97	3731039.27	42.36331 (22011908)	408878.97	3731039.27	44.75759 (22011908)
408898.97	3731039.27	47.38883 (22011908)	408918.97	3731039.27	50.33336 (22011908)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408938.97	3731039.27	53.66065 (22011908)	408958.97	3731039.27	57.41782 (22011908)
408978.97	3731039.27	61.46747 (22011908)	408998.97	3731039.27	65.97944 (22011908)
409018.97	3731039.27	71.17846 (22011908)	409038.97	3731039.27	77.14415 (22011908)
409058.97	3731039.27	84.04302 (22011908)	409076.60	3731038.48	90.95460 (22011908)
408952.39	3731094.00	49.00519 (20021708)	408972.39	3731094.00	52.25823 (20021708)
409012.39	3731094.00	60.11313 (20021708)	409032.39	3731094.00	64.89312 (20021708)
409052.39	3731094.00	70.44511 (20021708)	409072.39	3731094.00	76.94203 (20021708)
409333.04	3731097.23	189.78780 (20121108)	408952.39	3731114.00	43.39357 (20021708)
408972.39	3731114.00	45.86386 (20021708)	409012.39	3731114.00	51.60601 (20021708)
409032.39	3731114.00	54.93241 (20021708)	409052.39	3731114.00	58.60703 (20021708)
409072.39	3731114.00	62.66556 (20021708)	409112.49	3731137.53	49.41751 (20121108)
409172.39	3731114.00	89.97963 (20121108)	409192.39	3731114.00	113.68560 (23121808)
409212.39	3731114.00	138.25012 (23011708)	409232.39	3731114.00	157.77815 (23011708)
409252.39	3731114.00	165.04020 (23011708)	409272.39	3731114.00	169.91836 (23011708)
409292.39	3731114.00	173.60398 (23011708)	409333.04	3731117.23	170.21141 (23011708)
409472.39	3731114.00	178.52024 (23011708)	409492.39	3731114.00	178.80816 (23011708)
409532.39	3731114.00	178.12466 (23011708)	409572.39	3731114.00	173.52025 (23011708)
409592.39	3731114.00	170.23766 (23011708)	409612.39	3731114.00	167.95862 (22011108)
409632.39	3731114.00	165.60769 (22011108)	409652.39	3731114.00	162.55434 (22011108)
409672.39	3731114.00	158.20424 (22011108)	409692.39	3731114.00	150.96460 (22011108)
408952.39	3731134.00	36.38439 (20021708)	408972.39	3731134.00	37.97559 (20021708)
409012.39	3731134.00	41.43317 (20021708)	409032.39	3731134.00	43.26293 (20021708)
409052.39	3731134.00	45.13037 (20021708)	409072.39	3731134.00	46.99622 (20021708)
409333.04	3731137.23	136.45002 (23011708)	409472.39	3731134.00	143.32089 (23011708)
409492.39	3731134.00	142.78740 (23011708)	409532.39	3731134.00	140.59440 (23011708)
409552.39	3731134.00	138.56491 (23011708)	409572.39	3731134.00	134.96415 (23011708)
409612.39	3731134.00	129.57789 (20012808)	409632.39	3731134.00	128.09181 (23122708)
409652.39	3731134.00	126.15394 (23122708)	409672.39	3731134.00	123.82886 (23122708)

409692.39	3731134.00	120.66764 (23122708)	409712.39	3731134.00	112.97920 (23122708)
409732.39	3731134.00	100.81538 (22011108)	408952.39	3731154.00	29.07356 (20021708)
408972.39	3731154.00	29.89506 (20021708)	409012.39	3731154.00	31.97399 (20121108)
409032.39	3731154.00	33.18764 (20121108)	409052.39	3731154.00	34.43935 (20121108)
409072.39	3731154.00	36.87723 (23121808)	409092.39	3731154.00	45.08900 (23121808)
409112.39	3731154.00	54.44396 (23121808)	409172.39	3731154.00	82.94355 (21012108)
409192.39	3731154.00	94.92494 (23011708)	409212.39	3731154.00	103.19030 (23011708)
409232.39	3731154.00	107.22253 (23011708)	409252.39	3731154.00	110.00171 (23011708)
409272.39	3731154.00	112.37604 (23011708)	409292.39	3731154.00	114.36203 (23011708)
409333.04	3731157.23	114.03168 (23011708)	409432.39	3731154.00	118.13861 (23011708)
409452.39	3731154.00	119.03593 (23011708)	409472.39	3731154.00	118.62930 (23011708)
409492.39	3731154.00	117.78596 (23011708)	409532.39	3731154.00	114.45975 (23011708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 ,L0000002 ,L0000003 ,L0000004 ,L0000005 ,
L0000006 ,L0000007 ,L0000008 ,L0000009 ,L0000010 ,L0000011 ,L0000012 ,L0000013 ,
L0000014 ,L0000015 ,L0000016 ,L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409552.39	3731154.00	113.37163 (23122708)	409612.39	3731154.00	109.67540 (23122708)
409632.39	3731154.00	108.49562 (23122708)	409652.39	3731154.00	106.97884 (23122708)
409672.39	3731154.00	104.92083 (23122708)	409712.39	3731154.00	94.86637 (23122708)
409732.39	3731154.00	85.31845 (22011108)	408952.39	3731174.00	23.14040 (20121108)
408972.39	3731174.00	23.76022 (20121108)	409172.39	3731174.00	78.51583 (23011708)
409292.39	3731174.00	98.17705 (23011708)	409333.04	3731177.23	98.12215 (23011708)
409432.39	3731174.00	100.93674 (23011708)	409452.39	3731174.00	100.71387 (23011708)
409472.39	3731174.00	100.41753 (23011708)	409492.39	3731174.00	98.98332 (23011708)
409532.39	3731174.00	98.31051 (23122708)	409552.39	3731174.00	97.88561 (23122708)

409572.39	3731174.00	97.07687 (23122708)	409612.39	3731174.00	95.43601 (23122708)
409632.39	3731174.00	94.42003 (23122708)	409652.39	3731174.00	93.20016 (23122708)
409672.39	3731174.00	91.46132 (23122708)	409692.39	3731174.00	88.16817 (23122708)
409712.39	3731174.00	82.30917 (23122708)	409732.39	3731174.00	75.25666 (21020108)
408952.39	3731194.00	18.47672 (23121808)	408972.39	3731194.00	21.72797 (23121808)
409012.39	3731194.00	29.83395 (23121808)	409032.39	3731194.00	34.64646 (23121808)
409052.39	3731194.00	39.85920 (23121808)	409072.39	3731194.00	45.26753 (23121808)
409112.39	3731194.00	55.25118 (23121808)	409132.39	3731194.00	60.96132 (22122908)
409172.39	3731194.00	73.78644 (23011708)	409192.39	3731194.00	78.25100 (23011708)
409212.39	3731194.00	80.79460 (23011708)	409232.39	3731194.00	82.43570 (23011708)
409252.39	3731194.00	83.84641 (23011708)	409272.39	3731194.00	85.12881 (23011708)
409292.39	3731194.00	86.23197 (23011708)	409333.04	3731197.23	86.19847 (23011708)
409532.39	3731194.00	86.71074 (23122908)	409552.39	3731194.00	86.33583 (23122908)
409572.39	3731194.00	85.59003 (23122708)	409612.39	3731194.00	84.37675 (23122708)
409632.39	3731194.00	83.48435 (23122708)	409652.39	3731194.00	82.40127 (23122708)
409672.39	3731194.00	80.91591 (23122708)	409692.39	3731194.00	78.35184 (23122708)
409712.39	3731194.00	72.98129 (23122708)	409732.39	3731194.00	67.77373 (21020108)
408952.39	3731214.00	22.12078 (23121808)	408972.39	3731214.00	25.47137 (23121808)
409012.39	3731214.00	33.22625 (23121808)	409032.39	3731214.00	37.45525 (23121808)
409052.39	3731214.00	41.70629 (23121808)	409072.39	3731214.00	45.75126 (23121808)
409112.39	3731214.00	54.17912 (22122908)	409132.39	3731214.00	59.75291 (22122908)
409333.04	3731217.23	76.79749 (23011708)	409432.39	3731214.00	77.39505 (23122908)
409452.39	3731214.00	78.00901 (23122908)	409472.39	3731214.00	78.09207 (23122908)
409492.39	3731214.00	77.97067 (23122908)	409532.39	3731214.00	77.74689 (23122908)
409552.39	3731214.00	77.36947 (23122908)	409572.39	3731214.00	76.62124 (23122708)
409612.39	3731214.00	75.53373 (23122708)	409632.39	3731214.00	74.78477 (23122708)
409652.39	3731214.00	73.86865 (23122708)	409672.39	3731214.00	72.56933 (23122708)
409692.39	3731214.00	70.21562 (23122708)	409712.39	3731214.00	65.57611 (23122708)
409732.39	3731214.00	61.75717 (21020108)	408952.39	3731234.00	25.19239 (23121808)
408972.39	3731234.00	28.38529 (23121808)	409012.39	3731234.00	35.23923 (23121808)
409032.39	3731234.00	38.64169 (23121808)	409052.39	3731234.00	41.81167 (23121808)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409072.39	3731234.00	44.56427 (23121808)	409092.39	3731234.00	48.92336 (22122908)
409112.39	3731234.00	53.64658 (22122908)	409132.39	3731234.00	57.28351 (22122908)
409172.39	3731234.00	63.83398 (23011708)	409192.39	3731234.00	65.55416 (23011708)
409212.39	3731234.00	66.65702 (23011708)	409232.39	3731234.00	67.51073 (23011708)
409252.39	3731234.00	68.27740 (23011708)	409272.39	3731234.00	68.96170 (23011708)
409292.39	3731234.00	69.52952 (23011708)	409312.39	3731234.00	69.96445 (23011708)
409332.39	3731234.00	70.22593 (23011708)	409432.39	3731234.00	70.61313 (23122908)
409452.39	3731234.00	70.95210 (23122908)	409472.39	3731234.00	70.97347 (23122908)
409492.39	3731234.00	70.87561 (23122908)	409532.39	3731234.00	70.51819 (23122908)
409552.39	3731234.00	70.05258 (23122908)	409572.39	3731234.00	69.43149 (23122708)
408952.39	3731254.00	27.50030 (23121808)	408972.39	3731254.00	30.33579 (23121808)
409072.39	3731254.00	44.69794 (22122908)	409092.39	3731254.00	48.77096 (22122908)
409112.39	3731254.00	52.00883 (22122908)	409132.39	3731254.00	55.00689 (23011708)
409172.39	3731254.00	59.49294 (23011708)	409192.39	3731254.00	60.59499 (23011708)
409212.39	3731254.00	61.34822 (23011708)	409232.39	3731254.00	61.96223 (23011708)
409252.39	3731254.00	62.50105 (23011708)	409272.39	3731254.00	62.95208 (23011708)
409292.39	3731254.00	63.29048 (23011708)	409312.39	3731254.00	63.48191 (23011708)
409332.39	3731254.00	63.56315 (23122908)	409432.39	3731254.00	64.93342 (23122908)
409452.39	3731254.00	65.01359 (23122908)	409472.39	3731254.00	65.02903 (23122908)
409492.39	3731254.00	64.93073 (23122908)	409532.39	3731254.00	64.48922 (23122908)
409552.39	3731254.00	63.90610 (23122908)	409572.39	3731254.00	63.51700 (23122708)
409612.39	3731254.00	62.66057 (23122708)	409632.39	3731254.00	62.14157 (23122708)
409652.39	3731254.00	61.44029 (23122708)	409672.39	3731254.00	60.34670 (23122708)
409692.39	3731254.00	58.37815 (23122708)	409712.39	3731254.00	54.83940 (23122708)
409732.39	3731254.00	52.71019 (21020108)	409412.39	3731274.00	59.78751 (23122908)
409532.39	3731274.00	59.35371 (23122908)	409552.39	3731274.00	58.84348 (23122708)
409572.39	3731274.00	58.58417 (23122708)	409612.39	3731274.00	57.87360 (23122708)

409632.39	3731274.00	57.39919 (23122708)	409652.39	3731274.00	56.75895 (23122708)
409672.39	3731274.00	55.73999 (23122708)	409692.39	3731274.00	53.93464 (23122708)
409712.39	3731274.00	50.80809 (23122708)	409732.39	3731274.00	49.21942 (21020108)
409412.39	3731294.00	55.67498 (23122908)	409432.39	3731294.00	55.78149 (23122908)
409452.39	3731294.00	55.82236 (23122908)	409472.39	3731294.00	55.80273 (23122908)
409492.39	3731294.00	55.67831 (23122908)	409532.39	3731294.00	54.88363 (23122908)
409552.39	3731294.00	54.63247 (23122708)	409572.39	3731294.00	54.41135 (23122708)
409612.39	3731294.00	53.79960 (23122708)	409632.39	3731294.00	53.37951 (23122708)
409652.39	3731294.00	52.79063 (23122708)	409672.39	3731294.00	51.83794 (23122708)
409692.39	3731294.00	50.18116 (23122708)	409712.39	3731294.00	47.40033 (23122708)
409732.39	3731294.00	46.22187 (21020108)	408832.39	3731314.00	19.33977 (23121808)
408852.39	3731314.00	21.08467 (23121808)	408872.39	3731314.00	22.86775 (23121808)
408892.39	3731314.00	24.64562 (23121808)	408912.39	3731314.00	26.38446 (23121808)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

408932.39	3731314.00	28.05123 (23121808)	408952.39	3731314.00	29.57847 (23121808)
408972.39	3731314.00	30.91438 (23121808)	408992.39	3731314.00	32.80089 (22122908)
409012.39	3731314.00	35.82735 (22122908)	409032.39	3731314.00	38.56453 (22122908)
409052.39	3731314.00	40.89156 (22122908)	409072.39	3731314.00	42.71100 (22122908)
409092.39	3731314.00	44.51493 (23011708)	409112.39	3731314.00	46.28517 (23011708)
409132.39	3731314.00	47.50625 (23011708)	409172.39	3731314.00	48.74786 (23011708)
409192.39	3731314.00	49.01510 (23011708)	409212.39	3731314.00	49.16674 (23011708)
409232.39	3731314.00	49.22427 (23011708)	409252.39	3731314.00	49.17581 (23011708)

409272.39	3731314.00	49.95369 (23122908)	409292.39	3731314.00	50.61164 (23122908)
409312.39	3731314.00	51.02658 (23122908)	409332.39	3731314.00	51.32799 (23122908)
409432.39	3731314.00	52.16096 (23122908)	409452.39	3731314.00	52.17872 (23122908)
409472.39	3731314.00	52.12300 (23122908)	409492.39	3731314.00	51.94818 (23122908)
409532.39	3731314.00	51.18021 (23122708)	409552.39	3731314.00	51.02720 (23122708)
409572.39	3731314.00	50.83607 (23122708)	409732.39	3731314.00	43.61786 (21020108)
408852.39	3731334.00	22.14702 (23121808)	408872.39	3731334.00	23.70050 (23121808)
409332.39	3731334.00	48.32227 (23122908)	409412.39	3731334.00	48.95823 (23122908)
409432.39	3731334.00	49.01044 (23122908)	409452.39	3731334.00	49.00054 (23122908)
409472.39	3731334.00	48.89344 (23122908)	409492.39	3731334.00	48.64657 (23122908)
409532.39	3731334.00	48.03404 (23122708)	409552.39	3731334.00	47.90213 (23122708)
409572.39	3731334.00	47.73889 (23122708)	409612.39	3731334.00	47.27300 (23122708)
409632.39	3731334.00	46.92825 (23122708)	409652.39	3731334.00	46.41650 (23122708)
409672.39	3731334.00	45.57669 (23122708)	409692.39	3731334.00	44.16946 (23122708)
409712.39	3731334.00	41.92687 (23122708)	409732.39	3731334.00	41.32794 (21020108)
408852.39	3731354.00	22.76651 (23121808)	408872.39	3731354.00	24.04792 (23121808)
408892.39	3731354.00	25.21964 (23121808)	408932.39	3731354.00	27.16738 (23121808)
408952.39	3731354.00	29.40683 (22122908)	408972.39	3731354.00	31.78505 (22122908)
408992.39	3731354.00	33.95316 (22122908)	409012.39	3731354.00	35.84540 (22122908)
409032.39	3731354.00	37.37388 (22122908)	409072.39	3731354.00	40.14858 (23011708)
409092.39	3731354.00	41.35655 (23011708)	409112.39	3731354.00	42.18165 (23011708)
409172.39	3731354.00	42.98732 (23011708)	409192.39	3731354.00	42.92331 (23011708)
409212.39	3731354.00	42.75348 (23011708)	409232.39	3731354.00	42.47331 (23011708)
409252.39	3731354.00	43.66185 (23122908)	409272.39	3731354.00	44.57504 (23122908)
409292.39	3731354.00	45.10968 (23122908)	409332.39	3731354.00	45.68571 (23122908)
409412.39	3731354.00	46.21282 (23122908)	409532.39	3731354.00	45.28182 (23122708)
409552.39	3731354.00	45.17027 (23122708)	409572.39	3731354.00	45.02928 (23122708)
409612.39	3731354.00	44.61172 (23122708)	409632.39	3731354.00	44.29317 (23122708)
409652.39	3731354.00	43.80902 (23122708)	409672.39	3731354.00	43.01888 (23122708)
409692.39	3731354.00	41.71843 (23122708)	409712.39	3731354.00	39.68791 (23122708)
409732.39	3731354.00	39.29972 (21020108)	408852.39	3731374.00	22.95248 (23121808)
408872.39	3731374.00	23.95048 (23121808)	408892.39	3731374.00	24.81428 (23121808)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave

*** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA

*** 13:59:53

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408932.39	3731374.00	27.99306 (22122908)	408952.39	3731374.00	30.13137 (22122908)
408972.39	3731374.00	32.08264 (22122908)	408992.39	3731374.00	33.78039 (22122908)
409012.39	3731374.00	35.17132 (22122908)	409032.39	3731374.00	36.21978 (22122908)
409072.39	3731374.00	38.80114 (23011708)	409092.39	3731374.00	39.62862 (23011708)
409112.39	3731374.00	40.13292 (23011708)	409172.39	3731374.00	40.35769 (23011708)
409192.39	3731374.00	40.14838 (23011708)	409212.39	3731374.00	39.82442 (23011708)
409232.39	3731374.00	40.19601 (23122908)	409252.39	3731374.00	41.52447 (23122908)
409272.39	3731374.00	42.34440 (23122908)	409292.39	3731374.00	42.83703 (23122908)
409332.39	3731374.00	43.35096 (23122908)	409412.39	3731374.00	43.77435 (23122908)
409432.39	3731374.00	43.76023 (23122908)	409452.39	3731374.00	43.66016 (23122908)
409472.39	3731374.00	43.42408 (23122908)	409492.39	3731374.00	42.99417 (23122908)
409532.39	3731374.00	42.85418 (23122708)	409552.39	3731374.00	42.76072 (23122708)
409572.39	3731374.00	42.63935 (23122708)	409612.39	3731374.00	42.26589 (23122708)
409632.39	3731374.00	41.96982 (23122708)	409652.39	3731374.00	41.51156 (23122708)
409672.39	3731374.00	40.76567 (23122708)	409692.39	3731374.00	39.56037 (23122708)
409712.39	3731374.00	37.77800 (21020108)	409732.39	3731374.00	37.48926 (21020108)
408852.39	3731394.00	22.74943 (23121808)	408872.39	3731394.00	23.47069 (23121808)
408892.39	3731394.00	24.66791 (22122908)	408932.39	3731394.00	28.63494 (22122908)
408952.39	3731394.00	30.38842 (22122908)	408972.39	3731394.00	31.92450 (22122908)
408992.39	3731394.00	33.19293 (22122908)	409012.39	3731394.00	34.16513 (22122908)
409032.39	3731394.00	35.36457 (23011708)	409072.39	3731394.00	37.32815 (23011708)
409092.39	3731394.00	37.85391 (23011708)	409112.39	3731394.00	38.11480 (23011708)
409132.39	3731394.00	38.17554 (23011708)	409172.39	3731394.00	37.83750 (23011708)
409332.39	3731394.00	41.27039 (23122908)	409412.39	3731394.00	41.58175 (23122908)
409432.39	3731394.00	41.52368 (23122908)	409452.39	3731394.00	41.36458 (23122908)
409472.39	3731394.00	41.05367 (23122908)	409492.39	3731394.00	40.71870 (23122708)

409532.39	3731394.00	40.69393 (23122708)	409552.39	3731394.00	40.61694 (23122708)
409572.39	3731394.00	40.51254 (23122708)	408852.39	3731414.00	22.21190 (23121808)
408872.39	3731414.00	23.69665 (22122908)	408892.39	3731414.00	25.53780 (22122908)
408932.39	3731414.00	28.87848 (22122908)	408952.39	3731414.00	30.26735 (22122908)
408992.39	3731414.00	32.32455 (22122908)	409012.39	3731414.00	33.34175 (23011708)
409032.39	3731414.00	34.45262 (23011708)	409072.39	3731414.00	35.78812 (23011708)
409092.39	3731414.00	36.06400 (23011708)	409112.39	3731414.00	36.12655 (23011708)
409132.39	3731414.00	36.02299 (23011708)	409172.39	3731414.00	35.40639 (23011708)
409192.39	3731414.00	34.91690 (23011708)	409212.39	3731414.00	35.28578 (23122908)
409232.39	3731414.00	36.85226 (23122908)	409252.39	3731414.00	37.90478 (23122908)
409272.39	3731414.00	38.57112 (23122908)	409292.39	3731414.00	38.98090 (23122908)
409332.39	3731414.00	39.39898 (23122908)	409412.39	3731414.00	39.59595 (23122908)
409432.39	3731414.00	39.49311 (23122908)	409452.39	3731414.00	39.27086 (23122908)
409472.39	3731414.00	38.87367 (23122908)	409492.39	3731414.00	38.73578 (23122708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409532.39	3731414.00	38.75634 (23122708)	409552.39	3731414.00	38.69806 (23122708)
409572.39	3731414.00	38.60462 (23122708)	409592.39	3731414.00	38.47893 (23122708)
409612.39	3731414.00	38.29940 (23122708)	409632.39	3731414.00	38.03506 (23122708)
409652.39	3731414.00	37.62091 (23122708)	409672.39	3731414.00	36.95648 (23122708)
409692.39	3731414.00	35.91332 (23122708)	409712.39	3731414.00	34.57194 (21020108)
409732.39	3731414.00	34.37713 (21020108)	408852.39	3731434.00	22.78831 (22122908)
408872.39	3731434.00	24.47529 (22122908)	408892.39	3731434.00	26.05687 (22122908)

408932.39	3731434.00	28.77413	(22122908)	408952.39	3731434.00	29.82651	(22122908)
408992.39	3731434.00	31.52974	(23011708)	409012.39	3731434.00	32.58666	(23011708)
409032.39	3731434.00	33.37993	(23011708)	409072.39	3731434.00	34.19526	(23011708)
409092.39	3731434.00	34.27116	(23011708)	409112.39	3731434.00	34.16728	(23011708)
409132.39	3731434.00	33.92007	(23011708)	409332.39	3731434.00	37.70660	(23122908)
409412.39	3731434.00	37.78787	(23122908)	409432.39	3731434.00	37.63292	(23122908)
409532.39	3731434.00	37.00730	(23122708)	409552.39	3731434.00	36.96014	(23122708)
409572.39	3731434.00	36.87953	(23122708)	409592.39	3731434.00	36.76846	(23122708)
409612.39	3731434.00	36.60255	(23122708)	409632.39	3731434.00	36.35228	(23122708)
409652.39	3731434.00	35.95737	(23122708)	409672.39	3731434.00	35.33151	(23122708)
409692.39	3731434.00	34.36078	(23122708)	409712.39	3731434.00	33.18036	(21020108)
409732.39	3731434.00	33.02757	(21020108)	408852.39	3731454.00	23.48771	(22122908)
408872.39	3731454.00	24.93815	(22122908)	408892.39	3731454.00	26.25291	(22122908)
408932.39	3731454.00	28.37699	(22122908)	408952.39	3731454.00	29.12686	(22122908)
408992.39	3731454.00	30.89925	(23011708)	409012.39	3731454.00	31.66298	(23011708)
409032.39	3731454.00	32.18971	(23011708)	409072.39	3731454.00	32.57330	(23011708)
409092.39	3731454.00	32.48155	(23011708)	409112.39	3731454.00	32.23522	(23011708)
409132.39	3731454.00	31.85903	(23011708)	409172.39	3731454.00	30.74449	(23011708)
409192.39	3731454.00	31.13930	(23122908)	409212.39	3731454.00	32.84891	(23122908)
409232.39	3731454.00	34.09265	(23122908)	409252.39	3731454.00	34.93957	(23122908)
409272.39	3731454.00	35.48771	(23122908)	409292.39	3731454.00	35.83058	(23122908)
409332.39	3731454.00	36.16541	(23122908)	409412.39	3731454.00	36.11923	(23122908)
409432.39	3731454.00	35.89976	(23122908)	409452.39	3731454.00	35.53292	(23122908)
409472.39	3731454.00	35.30434	(20122208)	409492.39	3731454.00	35.31021	(20122208)
409532.39	3731454.00	35.41513	(23122708)	409552.39	3731454.00	35.38660	(23122708)
409572.39	3731454.00	35.32256	(23122708)	409592.39	3731454.00	35.22304	(23122708)
409612.39	3731454.00	35.06724	(23122708)	409632.39	3731454.00	34.82999	(23122708)
409652.39	3731454.00	34.45238	(23122708)	409672.39	3731454.00	33.86216	(23122708)
409692.39	3731454.00	32.95542	(23122708)	409712.39	3731454.00	31.89847	(21020108)
409732.39	3731454.00	31.78416	(21020108)	409072.39	3731474.00	30.93609	(23011708)
409092.39	3731474.00	30.70086	(23011708)	409112.39	3731474.00	30.32813	(23011708)
409132.39	3731474.00	29.83598	(23011708)	409172.39	3731474.00	28.50645	(23011708)
409192.39	3731474.00	30.23893	(23122908)	409212.39	3731474.00	31.76837	(23122908)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409232.39	3731474.00	32.88328 (23122908)	409252.39	3731474.00	33.64799 (23122908)
409272.39	3731474.00	34.14460 (23122908)	409292.39	3731474.00	34.46064 (23122908)
409312.39	3731474.00	34.64782 (23122908)	409332.39	3731474.00	34.75304 (23122908)
409412.39	3731474.00	34.55946 (23122908)	409432.39	3731474.00	34.27872 (23122908)
409452.39	3731474.00	33.85124 (20122208)	409472.39	3731474.00	33.90449 (20122208)
409492.39	3731474.00	33.91869 (20122208)	409532.39	3731474.00	33.96179 (23122708)
409552.39	3731474.00	33.95919 (23122708)	409572.39	3731474.00	33.91199 (23122708)
409592.39	3731474.00	33.82168 (23122708)	409612.39	3731474.00	33.67380 (23122708)
409632.39	3731474.00	33.44378 (23122708)	409652.39	3731474.00	33.08223 (23122708)
409672.39	3731474.00	32.52302 (23122708)	409692.39	3731474.00	31.67532 (23122708)
409712.39	3731474.00	30.70389 (21020108)	409732.39	3731474.00	30.62769 (21020108)
409772.39	3731474.00	30.10389 (21020108)	409792.39	3731474.00	29.54204 (21020108)
408832.39	3731494.00	22.94311 (22122908)	408852.39	3731494.00	24.04700 (22122908)
408872.39	3731494.00	25.01368 (22122908)	408892.39	3731494.00	25.82335 (22122908)
408912.39	3731494.00	26.45841 (22122908)	408932.39	3731494.00	27.03813 (23011708)
408952.39	3731494.00	27.95206 (23011708)	408972.39	3731494.00	28.66394 (23011708)
408992.39	3731494.00	29.16884 (23011708)	409012.39	3731494.00	29.47075 (23011708)
409032.39	3731494.00	29.57943 (23011708)	409052.39	3731494.00	29.51386 (23011708)
409072.39	3731494.00	29.29186 (23011708)	409092.39	3731494.00	28.93153 (23011708)
409112.39	3731494.00	28.44737 (23011708)	409132.39	3731494.00	27.85134 (23011708)
409172.39	3731494.00	27.62450 (23122908)	409192.39	3731494.00	29.39600 (23122908)
409212.39	3731494.00	30.76854 (23122908)	409232.39	3731494.00	31.77343 (23122908)
409252.39	3731494.00	32.46447 (23122908)	409272.39	3731494.00	32.91499 (23122908)
409292.39	3731494.00	33.20148 (23122908)	409312.39	3731494.00	33.36535 (23122908)
409332.39	3731494.00	33.45028 (23122908)	409412.39	3731494.00	33.10634 (23122908)

409432.39	3731494.00	32.76711	(23122908)	409452.39	3731494.00	32.56693	(20122208)
409472.39	3731494.00	32.62926	(20122208)	409492.39	3731494.00	32.64486	(20122208)
409532.39	3731494.00	32.61976	(23122708)	409552.39	3731494.00	32.63919	(23122708)
409572.39	3731494.00	32.61023	(23122708)	409592.39	3731494.00	32.53556	(23122708)
409612.39	3731494.00	32.39904	(23122708)	409632.39	3731494.00	32.17317	(23122708)
409652.39	3731494.00	31.82752	(23122708)	409672.39	3731494.00	31.29872	(23122708)
409692.39	3731494.00	30.50439	(23122708)	409712.39	3731494.00	29.58317	(21020108)
409732.39	3731494.00	29.54719	(21020108)	409752.39	3731494.00	29.41204	(21020108)
409772.39	3731494.00	29.13879	(21020108)	409792.39	3731494.00	28.67457	(21020108)
408832.39	3731514.00	23.07758	(22122908)	408852.39	3731514.00	23.96195	(22122908)
408872.39	3731514.00	24.70107	(22122908)	408892.39	3731514.00	25.27839	(22122908)
408912.39	3731514.00	25.79156	(23011708)	408932.39	3731514.00	26.65923	(23011708)
408952.39	3731514.00	27.34170	(23011708)	408972.39	3731514.00	27.83254	(23011708)
408992.39	3731514.00	28.13313	(23011708)	409012.39	3731514.00	28.25156	(23011708)
409032.39	3731514.00	28.19814	(23011708)	409052.39	3731514.00	27.99158	(23011708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409072.39	3731514.00	27.64631	(23011708)	409092.39	3731514.00	27.17717	(23011708)
409112.39	3731514.00	26.59470	(23011708)	409132.39	3731514.00	26.00166	(23012008)
409312.39	3731514.00	32.18061	(23122908)	409332.39	3731514.00	32.24286	(23122908)
409412.39	3731514.00	31.74156	(23122908)	409532.39	3731514.00	31.37861	(23122708)
409552.39	3731514.00	31.41713	(23122708)	409572.39	3731514.00	31.40877	(23122708)
409592.39	3731514.00	31.34931	(23122708)	409612.39	3731514.00	31.22296	(23122708)

409632.39	3731514.00	31.00807 (23122708)	409652.39	3731514.00	30.67710 (23122708)
409672.39	3731514.00	30.17575 (23122708)	409692.39	3731514.00	29.42876 (23122708)
409712.39	3731514.00	28.52173 (21020108)	409732.39	3731514.00	28.52824 (21020108)
409752.39	3731514.00	28.43948 (21020108)	409772.39	3731514.00	28.22658 (21020108)
409792.39	3731514.00	27.84670 (21020108)			

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408826.88	3730582.43	46.68167 (21010408)	408846.88	3730582.43	47.56142 (21010408)
408866.88	3730582.43	48.08705 (21010408)	409066.88	3730582.43	54.39135 (19122708)
409086.88	3730582.43	52.74879 (19122708)	409106.88	3730582.43	50.10804 (19122708)
409126.88	3730582.43	46.89870 (22121608)	409175.15	3730584.08	45.79136 (21010608)
409235.15	3730584.08	48.51116 (22010508)	409275.15	3730584.08	49.71126 (22010508)
409315.15	3730584.08	48.29465 (22010508)	409335.15	3730584.08	46.67474 (22010508)
409428.52	3730594.00	45.20574 (23121908)	409472.39	3730594.00	49.55172 (23121908)
409523.35	3730595.29	51.90476 (23121908)	409572.39	3730594.00	51.14923 (23121908)
409592.39	3730594.00	50.34276 (23121908)	409612.39	3730594.00	49.27096 (23121908)
409632.39	3730594.00	47.97798 (23121908)	409652.39	3730594.00	46.50865 (23121908)
409672.39	3730594.00	44.90979 (23121908)	409692.39	3730594.00	43.19110 (23121908)
409712.39	3730594.00	41.41135 (23121908)	409732.39	3730594.00	39.58361 (23121908)
409752.39	3730594.00	37.72460 (23121908)	409772.39	3730594.00	35.86558 (23121908)
408826.88	3730602.43	48.38672 (21010408)	408846.88	3730602.43	49.70992 (21010408)
408866.88	3730602.43	50.71637 (21010408)	408906.88	3730602.43	51.52051 (21010408)
408926.88	3730602.43	52.12373 (21010808)	408946.88	3730602.43	52.78741 (22010408)
408966.88	3730602.43	55.11549 (22010408)	408986.88	3730602.43	56.94991 (22010408)
409006.88	3730602.43	58.18643 (22010408)	409026.88	3730602.43	58.67164 (22010408)

409046.88	3730602.43	58.92374 (19122708)	409066.88	3730602.43	58.60313 (19122708)
409086.88	3730602.43	57.35927 (19122708)	409106.88	3730602.43	54.99185 (19122708)
409126.88	3730602.43	51.64290 (19122708)	409175.15	3730604.08	48.61306 (21010608)
409235.15	3730604.08	51.63516 (22010508)	409275.15	3730604.08	53.03505 (22010508)
409315.15	3730604.08	51.46837 (22010508)	409335.15	3730604.08	49.66301 (22010508)
409428.52	3730614.00	49.73851 (23121908)	409572.39	3730614.00	54.09752 (23121908)
409592.39	3730614.00	52.95492 (23121908)	409612.39	3730614.00	51.54949 (23121908)
409632.39	3730614.00	49.93163 (23121908)	409652.39	3730614.00	48.15973 (23121908)
409672.39	3730614.00	46.25521 (23121908)	409692.39	3730614.00	44.27705 (23121908)
409712.39	3730614.00	42.24905 (23121908)	409732.39	3730614.00	40.18495 (23121908)
409752.39	3730614.00	38.12839 (23121908)	409772.39	3730614.00	36.07317 (23121908)
409251.24	3730720.44	81.87113 (22010508)	409175.15	3730624.08	51.71345 (21010608)
409315.15	3730624.08	55.02549 (22010508)	409335.15	3730624.08	52.99415 (22010508)
409428.52	3730634.00	54.81476 (23121908)	409472.39	3730634.00	58.67349 (23121908)
409492.39	3730634.00	59.40236 (23121908)	409512.39	3730634.00	59.55044 (23121908)
409572.39	3730634.00	57.13098 (23121908)	409592.39	3730634.00	55.59401 (23121908)
409612.39	3730634.00	53.80286 (23121908)	409632.39	3730634.00	51.83278 (23121908)
409652.39	3730634.00	49.71279 (23121908)	409672.39	3730634.00	47.50150 (23121908)
409692.39	3730634.00	45.23984 (23121908)	409712.39	3730634.00	42.93338 (23121908)
409732.39	3730634.00	40.64247 (23121908)	409752.39	3730634.00	38.36920 (23121908)
409772.39	3730634.00	36.15356 (23121908)	409251.24	3730740.44	89.88142 (22010508)
408825.58	3730653.45	58.50526 (19010208)	408845.58	3730653.45	56.37942 (19010208)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

 408865.58 3730653.45 55.98817 (21010408) 408885.58 3730653.45 58.03315 (21010408)

408905.58	3730653.45	59.81489 (21010408)	408925.58	3730653.45	61.06939 (21010408)
408945.58	3730653.45	61.74950 (21010408)	408965.58	3730653.45	61.94387 (21010808)
408985.58	3730653.45	63.06032 (21010808)	409005.58	3730653.45	65.89406 (22010408)
409025.58	3730653.45	68.32282 (22010408)	409045.58	3730653.45	69.83938 (22010408)
409065.58	3730653.45	70.26634 (22010408)	409085.58	3730653.45	70.51959 (19122708)
409105.58	3730653.45	69.53974 (19122708)	409125.58	3730653.45	67.01883 (19122708)
409175.15	3730644.08	55.11698 (21010608)	409215.15	3730644.08	57.10540 (21010608)
409235.15	3730644.08	59.02448 (22010508)	409255.15	3730644.08	60.48874 (22010508)
409275.15	3730644.08	61.00796 (22010508)	409295.15	3730644.08	60.49431 (22010508)
409315.15	3730644.08	59.05840 (22010508)	409335.15	3730644.08	56.72482 (22010508)
409428.52	3730654.00	60.51919 (23121908)	409472.39	3730654.00	63.88886 (23121908)
409492.39	3730654.00	64.24979 (23121908)	409512.39	3730654.00	63.99101 (23121908)
409572.39	3730654.00	60.20372 (23121908)	409592.39	3730654.00	58.22075 (23121908)
409612.39	3730654.00	56.01815 (23121908)	409632.39	3730654.00	53.64087 (23121908)
409652.39	3730654.00	51.15369 (23121908)	409672.39	3730654.00	48.60899 (23121908)
409692.39	3730654.00	46.02490 (23121908)	409712.39	3730654.00	43.45887 (23121908)
409732.39	3730654.00	40.92412 (23121908)	409752.39	3730654.00	38.45116 (23121908)
409772.39	3730654.00	36.05787 (23121908)	409251.24	3730760.44	99.27497 (22010508)
409175.15	3730664.08	59.35175 (22121608)	409428.52	3730674.00	66.92491 (23121908)
409472.39	3730674.00	69.58131 (23121908)	409492.39	3730674.00	69.48461 (23121908)
409512.39	3730674.00	68.70994 (23121908)	409572.39	3730674.00	63.30426 (23121908)
409592.39	3730674.00	60.82021 (23121908)	409612.39	3730674.00	58.13431 (23121908)
409632.39	3730674.00	55.31828 (23121908)	409652.39	3730674.00	52.43620 (23121908)
409672.39	3730674.00	49.52146 (23121908)	409692.39	3730674.00	46.63012 (23121908)
409712.39	3730674.00	43.78108 (23121908)	409732.39	3730674.00	41.00735 (23121908)
409752.39	3730674.00	38.34326 (23121908)	409772.39	3730674.00	35.77523 (23121908)
409251.24	3730780.44	110.46122 (22010508)	408826.88	3730682.43	68.76403 (19010208)
408846.88	3730682.43	67.59525 (19010208)	408866.88	3730682.43	65.73340 (19010208)
408886.88	3730682.43	63.06530 (19010208)	408906.88	3730682.43	63.72443 (21010408)
408926.88	3730682.43	66.08373 (21010408)	408946.88	3730682.43	67.89431 (21010408)
408966.88	3730682.43	69.04606 (21010408)	408986.88	3730682.43	69.37693 (21010408)
409006.88	3730682.43	70.51636 (21010808)	409026.88	3730682.43	73.61021 (22010408)
409046.88	3730682.43	76.52349 (22010408)	409066.88	3730682.43	78.29991 (22010408)
409086.88	3730682.43	78.69424 (22010408)	409106.88	3730682.43	78.84758 (19122708)
409126.88	3730682.43	77.19552 (19122708)	409175.15	3730684.08	66.55924 (22121608)
409215.15	3730684.08	66.58772 (21010608)	409235.15	3730684.08	68.42287 (22010508)
409255.15	3730684.08	70.50688 (22010508)	409275.15	3730684.08	71.26897 (22010508)

409295.15 3730684.08 70.69671 (22010508) 409315.15 3730684.08 68.80475 (22010508)

409428.52 3730694.00 74.12299 (23121908) 409472.39 3730694.00 75.76007 (23121908)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409492.39	3730694.00	75.08066 (23121908)	409512.39	3730694.00	73.67450 (23121908)
409572.39	3730694.00	66.36991 (23121908)	409592.39	3730694.00	63.31235 (23121908)
409612.39	3730694.00	60.10321 (23121908)	409652.39	3730694.00	53.50637 (23121908)
409672.39	3730694.00	50.21782 (23121908)	409692.39	3730694.00	46.99572 (23121908)
409712.39	3730694.00	43.87712 (23121908)	409732.39	3730694.00	40.88592 (23121908)
409772.39	3730694.00	35.30988 (23121908)	409251.24	3730800.44	124.00315 (22010508)
409175.15	3730704.08	75.31388 (19122708)	409321.97	3730701.65	72.91894 (22010508)
409428.52	3730714.00	82.17789 (23121908)	409472.39	3730714.00	82.48490 (23121908)
409492.39	3730714.00	81.03587 (23121908)	409512.39	3730714.00	78.83978 (23121908)
409572.39	3730714.00	69.33817 (23121908)	409592.39	3730714.00	65.65179 (23121908)
409612.39	3730714.00	61.87063 (23121908)	409732.39	3730714.00	40.50958 (23121908)
409772.39	3730714.00	34.62979 (23121908)	409251.24	3730820.44	140.65817 (22010508)
408826.88	3730722.43	81.77401 (19010208)	408846.88	3730722.43	82.64511 (19010208)
408886.88	3730722.43	82.17615 (19010208)	408906.88	3730722.43	80.37055 (19010208)
408926.88	3730722.43	78.12174 (19010208)	408966.88	3730722.43	78.13264 (21010408)
408986.88	3730722.43	80.71278 (21010408)	409006.88	3730722.43	82.32021 (21010408)
409026.88	3730722.43	82.80074 (21010408)	409046.88	3730722.43	84.95213 (22010408)
409066.88	3730722.43	89.42414 (22010408)	409086.88	3730722.43	92.44728 (22010408)
409106.88	3730722.43	93.64594 (22010408)	409126.88	3730722.43	93.80297 (19122708)
409175.15	3730724.08	85.74783 (19122708)	409226.65	3730720.18	78.14436 (21010608)
409275.96	3730720.53	83.50743 (22010508)	409321.97	3730721.65	79.50967 (22010508)

409428.52	3730734.00	91.28396 (23121908)	409472.39	3730734.00	89.73162 (23121908)
409492.39	3730734.00	87.33462 (23121908)	409512.39	3730734.00	84.18416 (23121908)
409572.39	3730734.00	72.14716 (23121908)	409592.39	3730734.00	67.75572 (23121908)
409612.39	3730734.00	63.35233 (23121908)	409652.39	3730734.00	54.80964 (23121908)
409692.39	3730734.00	46.92148 (23121908)	409732.39	3730734.00	39.87664 (23121908)
409772.39	3730734.00	33.71818 (23121908)	409251.24	3730840.44	161.54323 (22010508)
408826.88	3730742.43	86.90032 (19010208)	408846.88	3730742.43	89.04070 (19010208)
408886.88	3730742.43	91.40770 (19010208)	408906.88	3730742.43	90.69028 (19010208)
408926.88	3730742.43	89.99036 (19010208)	408966.88	3730742.43	83.84285 (19010208)
408986.88	3730742.43	85.74329 (21010408)	409006.88	3730742.43	88.82235 (21010408)
409026.88	3730742.43	90.79752 (21010408)	409046.88	3730742.43	91.35458 (21010408)
409066.88	3730742.43	94.71586 (22010408)	409086.88	3730742.43	99.55900 (22010408)
409106.88	3730742.43	102.50849 (22010408)	409126.88	3730742.43	103.08632 (19122708)
409175.15	3730744.08	97.74677 (19122708)	409226.65	3730740.18	85.88246 (21010608)
409275.96	3730740.53	91.92793 (22010508)	409321.97	3730741.65	87.19950 (22010508)
409412.39	3730754.00	101.10155 (23121908)	409472.39	3730754.00	97.48106 (23121908)
409492.39	3730754.00	93.89975 (23121908)	409512.39	3730754.00	89.62070 (23121908)
409552.39	3730754.00	79.82015 (23121908)	409572.39	3730754.00	74.68174 (23121908)
409592.39	3730754.00	69.52762 (23121908)	409612.39	3730754.00	64.48260 (23121908)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409652.39	3730754.00	54.94047 (23121908)	409692.39	3730754.00	46.39138 (23121908)
409732.39	3730754.00	38.95500 (23121908)	409772.39	3730754.00	33.50593 (21122108)
409251.24	3730860.44	188.23782 (22010508)	408826.88	3730762.43	90.50191 (19010208)
408846.88	3730762.43	94.03499 (19010208)	408886.88	3730762.43	99.53759 (19010208)

408926.88	3730762.43	101.59205 (19010208)	408966.88	3730762.43	98.71920 (19010208)
408986.88	3730762.43	94.94952 (19010208)	409006.88	3730762.43	94.64769 (21010408)
409026.88	3730762.43	98.40953 (21010408)	409046.88	3730762.43	100.81595 (21010408)
409066.88	3730762.43	101.41582 (21010408)	409086.88	3730762.43	106.35565 (22010408)
409106.88	3730762.43	111.49456 (22010408)	409126.88	3730762.43	114.12145 (22010408)
409175.15	3730764.08	111.55446 (19122708)	409226.65	3730760.18	94.90188 (21010608)
409275.96	3730760.53	101.88675 (22010508)	409321.97	3730761.65	96.25369 (22010508)
409432.39	3730774.00	112.51504 (23121908)	409452.39	3730774.00	109.77627 (23121908)
409472.39	3730774.00	105.70289 (23121908)	409492.39	3730774.00	100.67366 (23121908)
409512.39	3730774.00	95.02639 (23121908)	409552.39	3730774.00	82.91192 (23121908)
409572.39	3730774.00	76.82733 (23121908)	409592.39	3730774.00	70.87290 (23121908)
409612.39	3730774.00	65.16102 (23121908)	409652.39	3730774.00	54.63861 (23121908)
409692.39	3730774.00	45.50124 (23121908)	409732.39	3730774.00	37.80860 (21122108)
409772.39	3730774.00	35.71248 (21122108)	409251.24	3730880.44	225.06082 (21010608)
408826.88	3730782.43	92.30370 (19010208)	408846.88	3730782.43	97.20706 (19010208)
408886.88	3730782.43	106.08456 (19010208)	408926.88	3730782.43	112.20971 (19010208)
409175.15	3730784.08	127.26532 (19122708)	409226.65	3730780.18	105.56190 (21010608)
409275.96	3730780.53	113.84413 (22010508)	409321.97	3730781.65	107.04428 (22010508)
409432.39	3730794.00	124.89615 (23121908)	409452.39	3730794.00	120.24143 (23121908)
409472.39	3730794.00	114.29550 (23121908)	409492.39	3730794.00	107.50183 (23121908)
409512.39	3730794.00	100.26667 (23121908)	409552.39	3730794.00	85.53732 (23121908)
409572.39	3730794.00	78.45730 (23121908)	409592.39	3730794.00	71.67534 (23121908)
409612.39	3730794.00	65.29894 (23121908)	409652.39	3730794.00	53.86080 (23121908)
409692.39	3730794.00	44.19314 (23121908)	409732.39	3730794.00	40.44427 (21122108)
409772.39	3730794.00	37.76651 (21122108)	409251.24	3730900.44	281.57468 (19122708)
408826.88	3730802.43	91.99634 (19010208)	408846.88	3730802.43	98.16945 (19010208)
408886.88	3730802.43	110.41481 (19010208)	408926.88	3730802.43	120.92397 (19010208)
408966.88	3730802.43	127.75450 (19010208)	408986.88	3730802.43	128.83999 (19010208)
409006.88	3730802.43	127.81125 (19010208)	409026.88	3730802.43	124.43414 (19010208)
409046.88	3730802.43	118.29247 (19010208)	409066.88	3730802.43	123.93856 (21010408)
409086.88	3730802.43	127.58745 (21010408)	409106.88	3730802.43	128.90686 (21010808)
409126.88	3730802.43	137.64065 (22010408)	409175.15	3730804.08	145.16242 (19122708)
409226.65	3730800.18	118.24035 (21010608)	409275.96	3730800.53	128.40124 (22010508)
409321.97	3730801.65	120.06799 (22010508)	409432.39	3730814.00	138.55274 (23121908)
409452.39	3730814.00	131.38640 (23121908)	409472.39	3730814.00	123.08953 (23121908)
409492.39	3730814.00	114.18693 (23121908)	409512.39	3730814.00	105.11673 (23121908)

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409552.39	3730814.00	87.52958 (23121908)	409572.39	3730814.00	79.40106 (23121908)
409592.39	3730814.00	71.80598 (23121908)	409612.39	3730814.00	64.79256 (23121908)
409652.39	3730814.00	52.53599 (23121908)	409692.39	3730814.00	46.33349 (21122108)
409732.39	3730814.00	42.88593 (21122108)	409772.39	3730814.00	39.60828 (21122108)
409251.24	3730920.44	365.27341 (19122708)	408826.88	3730822.43	94.40860 (19010308)
408846.88	3730822.43	97.97211 (19010308)	408886.88	3730822.43	111.87698 (19010208)
408926.88	3730822.43	126.89025 (19010208)	408966.88	3730822.43	139.69775 (19010208)
408986.88	3730822.43	144.33517 (19010208)	409006.88	3730822.43	147.07147 (19010208)
409026.88	3730822.43	147.36392 (19010208)	409046.88	3730822.43	144.61638 (19010208)
409066.88	3730822.43	138.26275 (19010208)	409086.88	3730822.43	141.42704 (21010408)
409106.88	3730822.43	146.08452 (21010408)	409126.88	3730822.43	149.38179 (22010408)
409175.15	3730824.08	166.15819 (22010408)	409226.65	3730820.18	138.80617 (19122708)
409275.96	3730820.53	146.49992 (22010508)	409321.97	3730821.65	136.07296 (22010508)
409412.39	3730834.00	162.06771 (23121908)	409432.39	3730834.00	153.39609 (23121908)
409472.39	3730834.00	131.81463 (23121908)	409492.39	3730834.00	120.44709 (23121908)
409512.39	3730834.00	109.28194 (23121908)	409552.39	3730834.00	88.64821 (23121908)
409572.39	3730834.00	79.50196 (23121908)	409592.39	3730834.00	71.12549 (23121908)
409612.39	3730834.00	63.54251 (23121908)	409652.39	3730834.00	53.82571 (21122108)
409692.39	3730834.00	49.28445 (21122108)	408826.88	3730842.43	96.90898 (19010308)
408846.88	3730842.43	102.05299 (19010308)	408886.88	3730842.43	112.16528 (19010308)
408926.88	3730842.43	129.09869 (19010208)	408966.88	3730842.43	148.06872 (19010208)
408986.88	3730842.43	156.63029 (19010208)	409006.88	3730842.43	163.74590 (19010208)
409026.88	3730842.43	168.81299 (19010208)	409046.88	3730842.43	171.10369 (19010208)
409066.88	3730842.43	169.52744 (19010208)	409086.88	3730842.43	163.23999 (19010208)

409106.88	3730842.43	163.43224	(21010408)	409126.88	3730842.43	169.27312	(21010408)
409175.15	3730844.08	191.01822	(22010408)	409226.65	3730840.18	168.22614	(19122708)
409275.96	3730840.53	169.44970	(22010508)	409321.97	3730841.65	159.79984	(23121908)
409412.39	3730854.00	182.55175	(23121908)	409432.39	3730854.00	169.29129	(23121908)
409472.39	3730854.00	140.11703	(23121908)	409492.39	3730854.00	125.85534	(23121908)
409512.39	3730854.00	112.41243	(23121908)	409552.39	3730854.00	88.69032	(23121908)
409572.39	3730854.00	78.56879	(23121908)	409592.39	3730854.00	69.50918	(23121908)
409612.39	3730854.00	63.62907	(21122108)	409652.39	3730854.00	57.47460	(21122108)
409692.39	3730854.00	51.85869	(21122108)	409732.39	3730854.00	46.83801	(21122108)
409752.39	3730854.00	44.55102	(21122108)	409772.39	3730854.00	42.40557	(21122108)
408826.88	3730862.43	96.98605	(22011708)	408846.88	3730862.43	102.71842	(19010308)
408886.88	3730862.43	116.52597	(19010308)	408926.88	3730862.43	129.87286	(19010308)
409226.65	3730860.18	205.29745	(19122708)	409275.96	3730860.53	199.29642	(22010508)
409321.97	3730861.65	196.83987	(23121908)	409432.39	3730874.00	185.85191	(23121908)
409472.39	3730874.00	147.35619	(23121908)	409492.39	3730874.00	129.93272	(23121908)
409512.39	3730874.00	114.06340	(23121908)	409552.39	3730874.00	87.36061	(23121908)

*** AERMOD - VERSION 24142 *** ** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** ** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409572.39	3730874.00	76.92307	(21122108)	409592.39	3730874.00	72.47432	(21122108)
409612.39	3730874.00	68.25617	(21122108)	409652.39	3730874.00	60.59859	(21122108)
409692.39	3730874.00	53.93899	(21122108)	409732.39	3730874.00	48.20807	(21122108)
408826.88	3730882.43	107.94543	(22011708)	408846.88	3730882.43	111.39501	(22011708)
408886.88	3730882.43	118.17610	(22011708)	408926.88	3730882.43	134.60678	(19010308)
408966.88	3730882.43	153.16277	(19010308)	408986.88	3730882.43	165.16827	(19010208)
409006.88	3730882.43	181.65783	(19010208)	409026.88	3730882.43	198.51830	(19010208)

409046.88	3730882.43	214.02233 (19010208)	409066.88	3730882.43	228.13388 (19010208)
409086.88	3730882.43	239.06918 (19010208)	409106.88	3730882.43	243.44487 (19010208)
409126.88	3730882.43	239.22042 (19010208)	409175.15	3730884.08	247.80948 (22010408)
409226.65	3730880.18	252.35797 (19122708)	409275.96	3730880.53	239.36400 (22010508)
409321.97	3730881.65	246.80777 (23121908)	409432.39	3730894.00	202.15406 (23121908)
409472.39	3730894.00	152.74753 (23121908)	409492.39	3730894.00	131.92318 (23121908)
409512.39	3730894.00	113.71232 (23121908)	409552.39	3730894.00	89.06409 (21122108)
409572.39	3730894.00	82.98822 (21122108)	409592.39	3730894.00	77.33818 (21122108)
409612.39	3730894.00	72.13994 (21122108)	409652.39	3730894.00	63.04811 (21122108)
409672.39	3730894.00	59.08005 (21122108)	409692.39	3730894.00	55.44310 (21122108)
409732.39	3730894.00	49.07493 (21122108)	408826.88	3730902.43	115.86388 (22011708)
408846.88	3730902.43	121.07775 (22011708)	408886.88	3730902.43	132.28874 (22011708)
408926.88	3730902.43	143.16952 (22011708)	408966.88	3730902.43	158.00595 (19010308)
408986.88	3730902.43	171.31755 (19010308)	409006.88	3730902.43	184.55477 (19010308)
409026.88	3730902.43	201.00605 (19010208)	409046.88	3730902.43	223.31495 (19010208)
409066.88	3730902.43	246.83028 (19010208)	409086.88	3730902.43	270.14597 (19010208)
409175.15	3730904.08	297.45967 (21010408)	409226.65	3730900.18	314.69838 (22010408)
409275.96	3730900.53	295.26505 (22010508)	409321.97	3730901.65	316.50330 (23121908)
409412.39	3730914.00	254.63561 (23121908)	409432.39	3730914.00	216.94709 (23121908)
409472.39	3730914.00	155.17866 (23121908)	409492.39	3730914.00	131.03061 (23121908)
409512.39	3730914.00	113.56631 (21122108)	409552.39	3730914.00	95.51718 (21122108)
409572.39	3730914.00	87.93815 (21122108)	409592.39	3730914.00	81.13456 (21122108)
409612.39	3730914.00	75.03296 (21122108)	409652.39	3730914.00	64.66613 (21122108)
409692.39	3730914.00	56.27022 (21122108)	409732.39	3730914.00	49.38908 (21122108)
408826.88	3730922.43	119.76245 (22011708)	408846.88	3730922.43	126.48777 (22011708)
408886.88	3730922.43	141.67237 (22011708)	408926.88	3730922.43	158.26972 (22011708)
408966.88	3730922.43	175.91232 (22011708)	408986.88	3730922.43	185.08415 (22011708)
409006.88	3730922.43	194.15616 (22011708)	409026.88	3730922.43	208.05691 (19010308)
409046.88	3730922.43	226.91647 (19010308)	409066.88	3730922.43	251.43986 (19010208)
409086.88	3730922.43	286.41104 (19010208)	409175.15	3730924.08	392.27365 (19010208)
409226.65	3730920.18	398.86252 (22010408)	409275.96	3730920.53	376.50965 (22010508)
409321.97	3730921.65	418.15660 (23121908)	409341.97	3730921.65	417.87173 (23121908)
409732.39	3730934.00	49.09856 (21122108)	408826.88	3730942.43	119.43587 (22122308)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408846.88	3730942.43	126.73876 (22011708)	408886.88	3730942.43	144.83950 (22011708)
408926.88	3730942.43	166.07619 (22011708)	408966.88	3730942.43	190.76733 (22011708)
408986.88	3730942.43	204.96951 (22011708)	409006.88	3730942.43	220.76933 (22011708)
409026.88	3730942.43	236.73868 (22011708)	409046.88	3730942.43	252.32057 (22011708)
409066.88	3730942.43	268.57470 (22011708)	409086.88	3730942.43	291.47375 (19010308)
409175.15	3730944.08	518.03444 (19010208)	409412.39	3730954.00	294.74661 (23121908)
409432.39	3730954.00	230.64950 (23121908)	409452.39	3730954.00	190.92656 (21122108)
409472.39	3730954.00	165.97104 (21122108)	409516.95	3730961.60	126.54768 (21122108)
409536.95	3730961.60	112.53020 (21122108)	409556.95	3730961.60	100.79495 (21122108)
409576.95	3730961.60	90.89608 (21122108)	409596.95	3730961.60	82.43639 (21122108)
409616.95	3730961.60	75.15180 (21122108)	409636.95	3730961.60	68.83065 (21122108)
409656.95	3730961.60	63.30278 (21122108)	409676.95	3730961.60	58.44387 (21122108)
409696.95	3730961.60	54.14273 (21122108)	409716.95	3730961.60	50.31461 (21122108)
409732.39	3730954.00	48.17358 (21122108)	408826.88	3730962.43	122.53442 (22122308)
408846.88	3730962.43	129.90099 (22122308)	408886.88	3730962.43	147.21792 (22122308)
408926.88	3730962.43	168.30697 (22122308)	408966.88	3730962.43	194.98553 (22011708)
408986.88	3730962.43	213.03901 (22011708)	409006.88	3730962.43	233.47751 (22011708)
409026.88	3730962.43	256.04294 (22011708)	409046.88	3730962.43	280.28539 (22011708)
409066.88	3730962.43	308.48407 (22011708)	409086.88	3730962.43	341.23199 (22011708)
409195.15	3730964.08	716.38160 (19010208)	409215.15	3730964.08	741.29726 (19010208)
409235.15	3730964.08	716.67746 (22010408)	409255.15	3730964.08	703.45922 (21010608)
409275.15	3730964.08	737.39976 (22010508)	409295.15	3730964.08	790.72579 (23121908)
409315.15	3730964.08	869.18639 (23121908)	409335.15	3730964.08	881.05300 (23121908)
409472.39	3730974.00	174.17083 (21122108)	408826.88	3730982.43	121.68356 (22122308)
408846.88	3730982.43	129.57428 (22122308)	408886.88	3730982.43	148.16585 (22122308)
408926.88	3730982.43	171.47573 (22122308)	408966.88	3730982.43	201.38745 (22122308)
408986.88	3730982.43	219.71790 (22122308)	409006.88	3730982.43	240.87114 (22122308)

409026.88	3730982.43	265.51246	(22122308)	409046.88	3730982.43	293.71198	(22122308)
409066.88	3730982.43	327.73203	(22122308)	409086.88	3730982.43	369.73154	(22122308)
409412.39	3730994.00	322.14180	(21122108)	409432.39	3730994.00	255.23894	(21122108)
409452.39	3730994.00	208.73844	(21122108)	409472.39	3730994.00	174.78549	(21122108)
408826.88	3731002.43	122.11022	(20121108)	408846.88	3731002.43	129.54235	(20121108)
408886.88	3731002.43	147.05040	(20121108)	408926.88	3731002.43	168.86293	(20121108)
408966.88	3731002.43	197.25479	(20121108)	408986.88	3731002.43	216.14954	(22122308)
409006.88	3731002.43	238.41828	(22122308)	409026.88	3731002.43	264.85644	(22122308)
409046.88	3731002.43	296.11405	(22122308)	409066.88	3731002.43	334.50029	(22122308)
409086.88	3731002.43	383.43641	(22122308)	409086.88	3731022.43	371.90868	(20121108)
408818.97	3731039.27	115.63633	(20121108)	408838.97	3731039.27	122.46010	(20121108)
408858.97	3731039.27	130.01810	(20121108)	408878.97	3731039.27	138.42834	(20121108)
408898.97	3731039.27	147.78588	(20121108)	408918.97	3731039.27	158.44948	(20121108)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408938.97	3731039.27	170.75747 (20121108)	408958.97	3731039.27	184.80991 (20121108)
408978.97	3731039.27	200.41217 (20121108)	408998.97	3731039.27	217.94404 (20121108)
409018.97	3731039.27	238.70959 (20121108)	409038.97	3731039.27	263.19169 (20121108)
409058.97	3731039.27	292.33237 (20121108)	409076.60	3731038.48	325.22061 (20121108)
408952.39	3731094.00	112.44886 (20121108)	408972.39	3731094.00	117.32259 (20121108)
409012.39	3731094.00	127.25000 (20121108)	409032.39	3731094.00	132.01808 (20121108)
409052.39	3731094.00	136.40640 (20121108)	409072.39	3731094.00	147.33482 (20120108)
409333.04	3731097.23	948.59359 (21020508)	408952.39	3731114.00	83.84364 (20121108)
408972.39	3731114.00	87.36795 (20120108)	409012.39	3731114.00	102.76947 (20120108)
409032.39	3731114.00	111.87979 (20120108)	409052.39	3731114.00	122.79145 (22120708)

409072.39	3731114.00	149.07236	(22120708)	409112.49	3731137.53	260.14435	(23011708)
409172.39	3731114.00	446.98432	(23011708)	409192.39	3731114.00	490.41116	(23011708)
409212.39	3731114.00	575.39029	(23121308)	409232.39	3731114.00	621.93704	(20012808)
409252.39	3731114.00	611.05895	(21011808)	409272.39	3731114.00	677.70124	(21011808)
409292.39	3731114.00	719.58379	(21020508)	409333.04	3731117.23	784.39548	(21020508)
409472.39	3731114.00	155.73485	(19121608)	409492.39	3731114.00	138.74285	(19121608)
409532.39	3731114.00	111.30914	(19121608)	409572.39	3731114.00	90.77154	(19121608)
409592.39	3731114.00	82.43302	(19121608)	409612.39	3731114.00	75.14042	(19121608)
409632.39	3731114.00	68.73251	(19121608)	409652.39	3731114.00	63.07615	(19121608)
409672.39	3731114.00	58.05044	(19121608)	409692.39	3731114.00	53.57546	(19121608)
408952.39	3731134.00	77.31364	(20120108)	408972.39	3731134.00	82.73911	(20120108)
409012.39	3731134.00	96.79155	(22120708)	409032.39	3731134.00	114.65799	(22120708)
409052.39	3731134.00	134.80624	(22120708)	409072.39	3731134.00	160.21660	(23011708)
409333.04	3731137.23	659.49574	(21020508)	409472.39	3731134.00	141.91351	(19121608)
409492.39	3731134.00	129.08657	(19121608)	409532.39	3731134.00	106.89233	(19121608)
409552.39	3731134.00	97.49136	(19121608)	409572.39	3731134.00	89.10088	(19121608)
409612.39	3731134.00	74.95942	(19121608)	409632.39	3731134.00	69.01441	(19121608)
409652.39	3731134.00	63.69397	(19121608)	409672.39	3731134.00	58.91835	(19121608)
409692.39	3731134.00	54.62767	(19121608)	409712.39	3731134.00	50.74956	(19121608)
409732.39	3731134.00	47.25418	(19121608)	408952.39	3731154.00	72.39794	(20120108)
408972.39	3731154.00	78.83692	(22120708)	409012.39	3731154.00	106.00410	(22120708)
409032.39	3731154.00	121.34854	(22120708)	409052.39	3731154.00	148.12654	(23011708)
409072.39	3731154.00	184.10028	(23011708)	409092.39	3731154.00	224.05727	(23011708)
409112.39	3731154.00	264.95515	(23011708)	409172.39	3731154.00	352.51330	(23121308)
409192.39	3731154.00	406.01375	(23121308)	409212.39	3731154.00	443.50253	(20012808)
409232.39	3731154.00	438.88974	(20012808)	409252.39	3731154.00	451.36859	(21011808)
409272.39	3731154.00	500.91004	(21011808)	409292.39	3731154.00	497.24629	(21011808)
409333.04	3731157.23	559.50185	(21020508)	409432.39	3731154.00	224.48966	(22011108)
409452.39	3731154.00	154.51822	(22011108)	409472.39	3731154.00	126.49374	(19121608)
409492.39	3731154.00	117.59659	(19121608)	409532.39	3731154.00	100.66959	(19121608)

*** AERMOD - VERSION 24142 *** ** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** ** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

409333.04	3731217.23	352.24308 (21020508)	409432.39	3731214.00	250.19014 (22011108)
409452.39	3731214.00	207.34517 (22011108)	409472.39	3731214.00	162.87968 (22011108)
409492.39	3731214.00	122.39850 (22011108)	409532.39	3731214.00	76.59731 (19121608)
409552.39	3731214.00	73.74694 (19121608)	409572.39	3731214.00	70.66241 (19121608)
409612.39	3731214.00	64.24226 (19121608)	409632.39	3731214.00	61.06921 (19121608)
409652.39	3731214.00	57.96797 (19121608)	409672.39	3731214.00	54.99479 (19121608)
409692.39	3731214.00	52.14713 (19121608)	409712.39	3731214.00	49.43563 (19121608)
409732.39	3731214.00	46.87744 (19121608)	408952.39	3731234.00	93.26072 (23011708)
408972.39	3731234.00	109.01957 (23011708)	409012.39	3731234.00	142.67027 (23011708)
409032.39	3731234.00	158.69643 (23011708)	409052.39	3731234.00	172.36127 (23011708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409072.39	3731234.00	182.02494 (23011708)	409092.39	3731234.00	185.77354 (23011708)
409112.39	3731234.00	196.21883 (23121308)	409132.39	3731234.00	223.69268 (23121308)
409172.39	3731234.00	261.55146 (20012808)	409192.39	3731234.00	263.88719 (20012808)
409212.39	3731234.00	257.50737 (23122908)	409232.39	3731234.00	259.25189 (23122908)
409252.39	3731234.00	286.39362 (21011808)	409272.39	3731234.00	306.75572 (21011808)
409292.39	3731234.00	301.89141 (21011808)	409312.39	3731234.00	275.51894 (23122708)
409332.39	3731234.00	310.48646 (21020508)	409432.39	3731234.00	243.35580 (22011108)
409452.39	3731234.00	210.53076 (22011108)	409472.39	3731234.00	173.19760 (22011108)
409492.39	3731234.00	136.39583 (22011108)	409532.39	3731234.00	75.86005 (22011108)
409552.39	3731234.00	66.61090 (19121608)	409572.39	3731234.00	64.62242 (19121608)
408952.39	3731254.00	101.56624 (23011708)	408972.39	3731254.00	115.66903 (23011708)
409072.39	3731254.00	165.48574 (23011708)	409092.39	3731254.00	168.18084 (23121308)
409112.39	3731254.00	192.97524 (23121308)	409132.39	3731254.00	211.75183 (23121308)

409172.39	3731254.00	237.97602 (20012808)	409192.39	3731254.00	232.63019 (20012808)
409212.39	3731254.00	234.70017 (23122908)	409232.39	3731254.00	231.29315 (23122908)
409252.39	3731254.00	260.50207 (21011808)	409272.39	3731254.00	276.82418 (21011808)
409292.39	3731254.00	272.07805 (21011808)	409312.39	3731254.00	247.14736 (21011808)
409332.39	3731254.00	269.15445 (21020508)	409432.39	3731254.00	231.54777 (22011108)
409452.39	3731254.00	208.26349 (22011108)	409472.39	3731254.00	178.44785 (22011108)
409492.39	3731254.00	146.47849 (22011108)	409532.39	3731254.00	88.48236 (22011108)
409552.39	3731254.00	65.67382 (22011108)	409572.39	3731254.00	58.52929 (19121608)
409612.39	3731254.00	55.50520 (19121608)	409632.39	3731254.00	53.71489 (19121608)
409652.39	3731254.00	51.83695 (19121608)	409672.39	3731254.00	49.90508 (19121608)
409692.39	3731254.00	47.95721 (19121608)	409712.39	3731254.00	46.01951 (19121608)
409732.39	3731254.00	44.11655 (19121608)	409412.39	3731274.00	247.34734 (21020508)
409532.39	3731274.00	99.33974 (22011108)	409552.39	3731274.00	76.50020 (22011108)
409572.39	3731274.00	57.38602 (22011108)	409612.39	3731274.00	50.89915 (19121608)
409632.39	3731274.00	49.70927 (19121608)	409652.39	3731274.00	48.36809 (19121608)
409672.39	3731274.00	46.91988 (19121608)	409692.39	3731274.00	45.41642 (19121608)
409712.39	3731274.00	43.85872 (19121608)	409732.39	3731274.00	42.28862 (19121608)
409412.39	3731294.00	234.45092 (21020508)	409432.39	3731294.00	210.74642 (21020508)
409452.39	3731294.00	192.63287 (22011108)	409472.39	3731294.00	176.56362 (22011108)
409492.39	3731294.00	155.35668 (22011108)	409532.39	3731294.00	108.06756 (22011108)
409552.39	3731294.00	86.06440 (22011108)	409572.39	3731294.00	66.74978 (22011108)
409612.39	3731294.00	46.31810 (19121608)	409632.39	3731294.00	45.64737 (19121608)
409652.39	3731294.00	44.78826 (19121608)	409672.39	3731294.00	43.77872 (19121608)
409692.39	3731294.00	42.67232 (19121608)	409712.39	3731294.00	41.48124 (19121608)
409732.39	3731294.00	40.24268 (19121608)	408832.39	3731314.00	57.44184 (23011708)
408852.39	3731314.00	65.64004 (23011708)	408872.39	3731314.00	74.33080 (23011708)
408892.39	3731314.00	83.33116 (23011708)	408912.39	3731314.00	92.36292 (23011708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408932.39	3731314.00	101.13117	(23011708)	408952.39	3731314.00	109.07700	(23011708)
408972.39	3731314.00	115.66602	(23011708)	408992.39	3731314.00	120.35825	(23011708)
409012.39	3731314.00	122.47747	(23011708)	409032.39	3731314.00	121.53975	(23011708)
409052.39	3731314.00	129.27117	(23121308)	409072.39	3731314.00	145.20368	(23121308)
409092.39	3731314.00	157.64646	(23121308)	409112.39	3731314.00	167.33102	(20012808)
409132.39	3731314.00	177.31764	(20012808)	409172.39	3731314.00	172.24767	(20012808)
409192.39	3731314.00	178.20804	(23122908)	409212.39	3731314.00	177.69413	(23122908)
409232.39	3731314.00	182.14966	(21011808)	409252.39	3731314.00	202.17176	(21011808)
409272.39	3731314.00	210.88977	(21011808)	409292.39	3731314.00	206.75150	(21011808)
409312.39	3731314.00	190.39017	(21011808)	409332.39	3731314.00	192.57471	(23122708)
409432.39	3731314.00	203.58589	(21020508)	409452.39	3731314.00	181.43424	(22011108)
409472.39	3731314.00	171.06807	(22011108)	409492.39	3731314.00	155.00082	(22011108)
409532.39	3731314.00	114.54541	(22011108)	409552.39	3731314.00	94.05207	(22011108)
409572.39	3731314.00	75.20940	(22011108)	409732.39	3731314.00	38.02551	(19121608)
408852.39	3731334.00	70.39644	(23011708)	408872.39	3731334.00	78.38522	(23011708)
409332.39	3731334.00	176.91685	(23122708)	409412.39	3731334.00	206.94804	(21020508)
409432.39	3731334.00	195.12257	(21020508)	409452.39	3731334.00	176.02495	(21020508)
409472.39	3731334.00	163.59584	(22011108)	409492.39	3731334.00	152.18636	(22011108)
409532.39	3731334.00	118.79526	(22011108)	409552.39	3731334.00	100.29205	(22011108)
409572.39	3731334.00	82.46939	(22011108)	409612.39	3731334.00	51.98274	(22011108)
409632.39	3731334.00	40.01910	(22011108)	409652.39	3731334.00	37.63815	(19121608)
409672.39	3731334.00	37.35287	(19121608)	409692.39	3731334.00	36.91998	(19121608)
409712.39	3731334.00	36.37420	(19121608)	409732.39	3731334.00	35.71129	(19121608)
408852.39	3731354.00	73.87056	(23011708)	408872.39	3731354.00	80.84124	(23011708)
408892.39	3731354.00	87.44046	(23011708)	408932.39	3731354.00	98.24574	(23011708)
408952.39	3731354.00	101.67776	(23011708)	408972.39	3731354.00	103.29926	(23011708)
408992.39	3731354.00	102.77651	(23011708)	409012.39	3731354.00	102.05457	(23121308)
409032.39	3731354.00	115.45473	(23121308)	409072.39	3731354.00	135.80072	(23121308)
409092.39	3731354.00	143.48368	(20012808)	409112.39	3731354.00	150.96447	(20012808)
409172.39	3731354.00	150.22464	(23122908)	409192.39	3731354.00	153.05808	(23122908)
409212.39	3731354.00	148.21633	(23122908)	409232.39	3731354.00	159.84117	(21011808)
409252.39	3731354.00	174.38054	(21011808)	409272.39	3731354.00	180.18840	(21011808)
409292.39	3731354.00	176.52523	(21011808)	409332.39	3731354.00	163.00706	(23122708)

409412.39	3731354.00	193.24861 (21020508)	409532.39	3731354.00	120.96152 (22011108)
409552.39	3731354.00	104.76986 (22011108)	409572.39	3731354.00	88.37840 (22011108)
409612.39	3731354.00	58.64963 (22011108)	409632.39	3731354.00	46.31033 (22011108)
409652.39	3731354.00	35.90896 (22011108)	409672.39	3731354.00	34.19897 (19121608)
409692.39	3731354.00	34.04409 (19121608)	409712.39	3731354.00	33.74908 (19121608)
409732.39	3731354.00	33.34257 (19121608)	408852.39	3731374.00	75.94421 (23011708)
408872.39	3731374.00	81.73821 (23011708)	408892.39	3731374.00	86.90843 (23011708)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25
 *** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
408932.39	3731374.00	94.11759 (23011708)	408952.39	3731374.00	95.53810 (23011708)
408972.39	3731374.00	95.13372 (23011708)	408992.39	3731374.00	92.73181 (23011708)
409012.39	3731374.00	103.61895 (23121308)	409032.39	3731374.00	114.61734 (23121308)
409072.39	3731374.00	129.02002 (23121308)	409092.39	3731374.00	137.51324 (20012808)
409112.39	3731374.00	141.61990 (20012808)	409172.39	3731374.00	141.21467 (23122908)
409192.39	3731374.00	141.75922 (23122908)	409212.39	3731374.00	135.59823 (23122908)
409232.39	3731374.00	150.27651 (21011808)	409252.39	3731374.00	162.75808 (21011808)
409272.39	3731374.00	167.53631 (21011808)	409292.39	3731374.00	164.06490 (21011808)
409332.39	3731374.00	150.59812 (23122708)	409412.39	3731374.00	179.97247 (21020508)
409432.39	3731374.00	176.15452 (21020508)	409452.39	3731374.00	165.62208 (21020508)
409472.39	3731374.00	149.94092 (21020508)	409492.39	3731374.00	141.30625 (22011108)
409532.39	3731374.00	121.28416 (22011108)	409552.39	3731374.00	107.53396 (22011108)
409572.39	3731374.00	92.89182 (22011108)	409612.39	3731374.00	64.62847 (22011108)
409632.39	3731374.00	52.26498 (22011108)	409652.39	3731374.00	41.48735 (22011108)
409672.39	3731374.00	32.38338 (22011108)	409692.39	3731374.00	31.22363 (19121608)
409712.39	3731374.00	31.15809 (19121608)	409732.39	3731374.00	30.97177 (19121608)

408852.39	3731394.00	76.63975 (23011708)	408872.39	3731394.00	81.16382 (23011708)
408892.39	3731394.00	84.87052 (23011708)	408932.39	3731394.00	88.73248 (23011708)
408952.39	3731394.00	88.39880 (23011708)	408972.39	3731394.00	86.37184 (23011708)
408992.39	3731394.00	93.35322 (23121308)	409012.39	3731394.00	103.65698 (23121308)
409032.39	3731394.00	112.34016 (23121308)	409072.39	3731394.00	124.90920 (20012808)
409092.39	3731394.00	130.69694 (20012808)	409112.39	3731394.00	132.02599 (20012808)
409132.39	3731394.00	128.48448 (20012808)	409172.39	3731394.00	132.53524 (23122908)
409332.39	3731394.00	139.49716 (23122708)	409412.39	3731394.00	167.25379 (21020508)
409432.39	3731394.00	166.30107 (21020508)	409452.39	3731394.00	159.11381 (21020508)
409472.39	3731394.00	146.82233 (21020508)	409492.39	3731394.00	134.16272 (22011108)
409532.39	3731394.00	120.02715 (22011108)	409552.39	3731394.00	108.72784 (22011108)
409572.39	3731394.00	95.99446 (22011108)	408852.39	3731414.00	76.04684 (23011708)
408872.39	3731414.00	79.31253 (23011708)	408892.39	3731414.00	81.61042 (23011708)
408932.39	3731414.00	82.47436 (23011708)	408952.39	3731414.00	80.73310 (23011708)
408992.39	3731414.00	94.06612 (23121308)	409012.39	3731414.00	102.42853 (23121308)
409032.39	3731414.00	108.90833 (23121308)	409072.39	3731414.00	120.11583 (20012808)
409092.39	3731414.00	123.36380 (20012808)	409112.39	3731414.00	122.45351 (20012808)
409132.39	3731414.00	117.23470 (20012808)	409172.39	3731414.00	124.28448 (23122908)
409192.39	3731414.00	121.68658 (23122908)	409212.39	3731414.00	119.67142 (21011808)
409232.39	3731414.00	133.74776 (21011808)	409252.39	3731414.00	143.04126 (21011808)
409272.39	3731414.00	146.35734 (21011808)	409292.39	3731414.00	143.21945 (21011808)
409332.39	3731414.00	129.52521 (23122708)	409412.39	3731414.00	155.19829 (21020508)
409432.39	3731414.00	156.52526 (21020508)	409452.39	3731414.00	152.15247 (21020508)
409472.39	3731414.00	142.82510 (21020508)	409492.39	3731414.00	129.75481 (21020508)

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** AERMET - VERSION 22112 *** *** Construction HRA *** 13:59:53

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

409532.39	3731414.00	117.47386 (22011108)	409552.39	3731414.00	108.53507 (22011108)
409572.39	3731414.00	97.76367 (22011108)	409592.39	3731414.00	86.01315 (22011108)
409612.39	3731414.00	74.03886 (22011108)	409632.39	3731414.00	62.47358 (22011108)
409652.39	3731414.00	51.75185 (22011108)	409672.39	3731414.00	42.14301 (22011108)
409692.39	3731414.00	33.77099 (22011108)	409712.39	3731414.00	26.66147 (22011108)
409732.39	3731414.00	26.33974 (19121608)	408852.39	3731434.00	74.35050 (23011708)
408872.39	3731434.00	76.37276 (23011708)	408892.39	3731434.00	77.37974 (23011708)
408932.39	3731434.00	75.69764 (23011708)	408952.39	3731434.00	76.68742 (23121308)
408992.39	3731434.00	93.61294 (23121308)	409012.39	3731434.00	100.13304 (23121308)
409032.39	3731434.00	104.58759 (23121308)	409072.39	3731434.00	114.66161 (20012808)
409092.39	3731434.00	115.77524 (20012808)	409112.39	3731434.00	113.10419 (20012808)
409132.39	3731434.00	110.40269 (23122908)	409332.39	3731434.00	120.55186 (23122708)
409412.39	3731434.00	143.87656 (21020508)	409432.39	3731434.00	146.97055 (21020508)
409532.39	3731434.00	113.88339 (22011108)	409552.39	3731434.00	107.14158 (22011108)
409572.39	3731434.00	98.31614 (22011108)	409592.39	3731434.00	88.15621 (22011108)
409612.39	3731434.00	77.34342 (22011108)	409632.39	3731434.00	66.52502 (22011108)
409652.39	3731434.00	56.17304 (22011108)	409672.39	3731434.00	46.62841 (22011108)
409692.39	3731434.00	38.09694 (22011108)	409712.39	3731434.00	30.65541 (22011108)
409732.39	3731434.00	24.33263 (22011108)	408852.39	3731454.00	71.69428 (23011708)
408872.39	3731454.00	72.58836 (23011708)	408892.39	3731454.00	72.44194 (23011708)
408932.39	3731454.00	69.87780 (23121308)	408952.39	3731454.00	78.12202 (23121308)
408992.39	3731454.00	92.18801 (23121308)	409012.39	3731454.00	96.97289 (23121308)
409032.39	3731454.00	100.74738 (20012808)	409072.39	3731454.00	108.77174 (20012808)
409092.39	3731454.00	108.13350 (20012808)	409112.39	3731454.00	104.11802 (20012808)
409132.39	3731454.00	105.94962 (23122908)	409172.39	3731454.00	109.09069 (23122908)
409192.39	3731454.00	104.70621 (23122908)	409212.39	3731454.00	108.97359 (21011808)
409232.39	3731454.00	119.98555 (21011808)	409252.39	3731454.00	127.02887 (21011808)
409272.39	3731454.00	129.29828 (21011808)	409292.39	3731454.00	126.52040 (21011808)
409332.39	3731454.00	112.46138 (23122708)	409412.39	3731454.00	133.28552 (21020508)
409432.39	3731454.00	137.72512 (21020508)	409452.39	3731454.00	137.57819 (21020508)
409472.39	3731454.00	133.04954 (21020508)	409492.39	3731454.00	124.79307 (21020508)
409532.39	3731454.00	109.50535 (22011108)	409552.39	3731454.00	104.77498 (22011108)
409572.39	3731454.00	97.81197 (22011108)	409592.39	3731454.00	89.25459 (22011108)
409612.39	3731454.00	79.71671 (22011108)	409632.39	3731454.00	69.80285 (22011108)
409652.39	3731454.00	60.01004 (22011108)	409672.39	3731454.00	50.71181 (22011108)
409692.39	3731454.00	42.18948 (22011108)	409712.39	3731454.00	34.57466 (22011108)

409732.39	3731454.00	27.92158	(22011108)	409072.39	3731474.00	102.64985	(20012808)
409092.39	3731474.00	100.60862	(20012808)	409112.39	3731474.00	96.08035	(23122908)
409132.39	3731474.00	101.43516	(23122908)	409172.39	3731474.00	102.17478	(23122908)
409192.39	3731474.00	97.23636	(23122908)	409212.39	3731474.00	104.15430	(21011808)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***

INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
409232.39	3731474.00	113.93558	(21011808)	409252.39	3731474.00	120.10573	(21011808)
409272.39	3731474.00	121.98157	(21011808)	409292.39	3731474.00	119.35021	(21011808)
409312.39	3731474.00	112.43311	(21011808)	409332.39	3731474.00	105.13023	(23122708)
409412.39	3731474.00	123.43349	(21020508)	409432.39	3731474.00	128.87621	(21020508)
409452.39	3731474.00	130.25495	(21020508)	409472.39	3731474.00	127.61397	(21020508)
409492.39	3731474.00	121.38312	(21020508)	409532.39	3731474.00	104.56297	(22011108)
409552.39	3731474.00	101.63843	(22011108)	409572.39	3731474.00	96.41636	(22011108)
409592.39	3731474.00	89.42462	(22011108)	409612.39	3731474.00	81.20243	(22011108)
409632.39	3731474.00	72.30074	(22011108)	409652.39	3731474.00	63.21215	(22011108)
409672.39	3731474.00	54.32306	(22011108)	409692.39	3731474.00	45.96259	(22011108)
409712.39	3731474.00	38.31530	(22011108)	409732.39	3731474.00	31.46831	(22011108)
409772.39	3731474.00	20.70647	(19121608)	409792.39	3731474.00	20.93491	(19121608)
408832.39	3731494.00	64.39743	(23011708)	408852.39	3731494.00	64.32560	(23011708)
408872.39	3731494.00	63.36314	(23011708)	408892.39	3731494.00	61.45695	(23011708)
408912.39	3731494.00	65.62045	(23121308)	408932.39	3731494.00	72.37610	(23121308)
408952.39	3731494.00	78.44851	(23121308)	408972.39	3731494.00	83.46697	(23121308)
408992.39	3731494.00	87.05730	(23121308)	409012.39	3731494.00	90.41559	(20012808)
409032.39	3731494.00	94.79406	(20012808)	409052.39	3731494.00	96.92025	(20012808)
409072.39	3731494.00	96.45139	(20012808)	409092.39	3731494.00	93.30819	(20012808)

409112.39	3731494.00	92.91612 (23122908)	409132.39	3731494.00	96.92340 (23122908)
409172.39	3731494.00	95.71949 (23122908)	409192.39	3731494.00	90.40900 (23122908)
409212.39	3731494.00	99.66948 (21011808)	409232.39	3731494.00	108.39713 (21011808)
409252.39	3731494.00	113.81584 (21011808)	409272.39	3731494.00	115.35823 (21011808)
409292.39	3731494.00	112.84513 (21011808)	409312.39	3731494.00	106.49886 (21011808)
409332.39	3731494.00	98.46612 (23122708)	409412.39	3731494.00	114.29550 (21020508)
409432.39	3731494.00	120.47750 (21020508)	409452.39	3731494.00	123.07206 (21020508)
409472.39	3731494.00	122.02616 (21020508)	409492.39	3731494.00	117.56060 (21020508)
409532.39	3731494.00	100.76641 (21020508)	409552.39	3731494.00	97.87883 (22011108)
409572.39	3731494.00	94.25112 (22011108)	409592.39	3731494.00	88.75566 (22011108)
409612.39	3731494.00	81.85061 (22011108)	409632.39	3731494.00	74.03211 (22011108)
409652.39	3731494.00	65.75034 (22011108)	409672.39	3731494.00	57.41169 (22011108)
409692.39	3731494.00	49.35861 (22011108)	409712.39	3731494.00	41.79574 (22011108)
409732.39	3731494.00	34.89844 (22011108)	409752.39	3731494.00	28.75599 (22011108)
409772.39	3731494.00	23.42006 (22011108)	409792.39	3731494.00	19.26297 (19121608)
408832.39	3731514.00	60.82567 (23011708)	408852.39	3731514.00	59.97507 (23011708)
408872.39	3731514.00	58.30914 (23011708)	408892.39	3731514.00	60.36887 (23121308)
408912.39	3731514.00	66.71087 (23121308)	408932.39	3731514.00	72.52982 (23121308)
408952.39	3731514.00	77.51308 (23121308)	408972.39	3731514.00	81.33065 (23121308)
408992.39	3731514.00	83.65548 (23121308)	409012.39	3731514.00	88.11788 (20012808)
409032.39	3731514.00	91.10422 (20012808)	409052.39	3731514.00	91.89298 (20012808)

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SITE ***
 INCLUDING SOURCE(S): SITE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
409072.39	3731514.00	90.28326 (20012808)	409092.39	3731514.00	86.29937 (20012808)
409112.39	3731514.00	89.61922 (23122908)	409132.39	3731514.00	92.47365 (23122908)

409312.39	3731514.00	101.10672 (21011808)	409332.39	3731514.00	92.39692 (21011808)
409412.39	3731514.00	105.86481 (21020508)	409532.39	3731514.00	99.77895 (21020508)
409552.39	3731514.00	93.65414 (22011108)	409572.39	3731514.00	91.46135 (22011108)
409592.39	3731514.00	87.36990 (22011108)	409612.39	3731514.00	81.74645 (22011108)
409632.39	3731514.00	75.03472 (22011108)	409652.39	3731514.00	67.63694 (22011108)
409672.39	3731514.00	59.94871 (22011108)	409692.39	3731514.00	52.31893 (22011108)
409712.39	3731514.00	44.97000 (22011108)	409732.39	3731514.00	38.11901 (22011108)
409752.39	3731514.00	31.89421 (22011108)	409772.39	3731514.00	26.36256 (22011108)
409792.39	3731514.00	21.53814 (22011108)			

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 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

HAUL 1ST HIGHEST VALUE IS 10.91557 AT (409492.39, 3731114.00, 8.80, 8.80, 0.00) DC
 2ND HIGHEST VALUE IS 10.90077 AT (409532.39, 3731114.00, 9.10, 9.10, 0.00) DC
 3RD HIGHEST VALUE IS 10.89693 AT (409472.39, 3731114.00, 8.66, 8.66, 0.00) DC
 4TH HIGHEST VALUE IS 10.78907 AT (409572.39, 3731114.00, 8.79, 8.79, 0.00) DC
 5TH HIGHEST VALUE IS 10.70917 AT (409592.39, 3731114.00, 8.73, 8.73, 0.00) DC
 6TH HIGHEST VALUE IS 10.61670 AT (409612.39, 3731114.00, 8.76, 8.76, 0.00) DC
 7TH HIGHEST VALUE IS 10.50054 AT (409632.39, 3731114.00, 8.79, 8.79, 0.00) DC
 8TH HIGHEST VALUE IS 10.33086 AT (409652.39, 3731114.00, 8.88, 8.88, 0.00) DC
 9TH HIGHEST VALUE IS 10.05541 AT (409672.39, 3731114.00, 9.03, 9.03, 0.00) DC
 10TH HIGHEST VALUE IS 9.78894 AT (409333.04, 3731117.23, 9.26, 9.26, 0.00) DC

SITE 1ST HIGHEST VALUE IS 24.77316 AT (409333.04, 3731097.23, 9.21, 9.21, 0.00) DC
 2ND HIGHEST VALUE IS 17.51492 AT (409333.04, 3731117.23, 9.26, 9.26, 0.00) DC
 3RD HIGHEST VALUE IS 16.50703 AT (409292.39, 3731114.00, 9.13, 9.13, 0.00) DC

4TH HIGHEST VALUE IS 13.68430 AT (409272.39, 3731114.00, 9.27, 9.27, 0.00) DC
 5TH HIGHEST VALUE IS 12.83435 AT (409333.04, 3731137.23, 9.27, 9.27, 0.00) DC
 6TH HIGHEST VALUE IS 9.82266 AT (409252.39, 3731114.00, 9.20, 9.20, 0.00) DC
 7TH HIGHEST VALUE IS 9.66388 AT (409333.04, 3731157.23, 9.34, 9.34, 0.00) DC
 8TH HIGHEST VALUE IS 8.26474 AT (409275.15, 3730964.08, 8.87, 8.87, 0.00) DC
 9TH HIGHEST VALUE IS 8.16874 AT (409292.39, 3731154.00, 9.04, 9.04, 0.00) DC
 10TH HIGHEST VALUE IS 8.15903 AT (409295.15, 3730964.08, 8.91, 8.91, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID	DATE	AVERAGE CONC (YYMMDDHH)	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID
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HAUL HIGH 1ST HIGH VALUE IS 189.78780 ON 20121108: AT (409333.04, 3731097.23, 9.21, 9.21, 0.00) DC

SITE HIGH 1ST HIGH VALUE IS 948.59359 ON 21020508: AT (409333.04, 3731097.23, 9.21, 9.21, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 24142 *** *** 8550 Warner Ave *** 06/24/25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 2366 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 1384 Calm Hours Identified

A Total of 982 Missing Hours Identified (2.24 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186 346 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50

ME W187 346 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***
